PB-234 445

MONITORING AND AIR QUALITY TRENDS REPORT, 1972

Environmental Protection Agency
Research Triangle Park, North Carolina

December 1973

DISTRIBUTED BY:

NTIS
National Technical Information Service
U. S. DEPARTMENT OF COMMERCE
5285 Port Royal Road, Springfield Va. 22151

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO. EPA-450/1-73-004	2.	3. PB 234 445
4. TITLE AND SUBTITLE Monitoring and Air Quality Trends Report, 1972		5. REPORT DATE December 1973
		6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S)		8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS Monitoring and Data Analysis Division, OAQPS, EPA Research Triangle Park, North Carolina 27711		10. PROGRAM ELEMENT NO. 2AE132
		11. CONTRACT/GRANT NO.
12. SPONSORING AGENCY NAME AND ADDRESS		13. TYPE OF REPORT AND PERIOD COVERED Interim, 1972
		14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES

16. ABSTRACT

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1972. Findings are based upon extensive monitoring activities conducted by Federal, State, and local air pollution control agencies organized within established Air Quality Control Regions. Information is provided for four of the five pollutants for which National Ambient Air Quality Standards have been set. Analyses of trends in CO, oxidants, and NO_2 are presented for selected AQCRs. A discussion of trends in sulfate concentrations at National Aerometric Surveillance Network stations is included along with an update for 1972 of the previously published analysis of TSP and SO_2.

Reproduced by
NATIONAL TECHNICAL
INFORMATION SERVICE
U S Department of Commerce
Springfield VA 22151

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Monitoring Trends Air Quality National Ambient Air Quality Standards Air Quality Control Regions National Aerometric Surveillance Network		

18. DISTRIBUTION STATEMENT Release Unlimited	19. SECURITY CLASS *(This Report)* None	21. NO. OF PAGES 222
	20. SECURITY CLASS *(This page)* None	22. PRICE 5.75

Form 2220-1 (9-73)

EPA-450/1-73-004

MONITORING
AND AIR QUALITY
TRENDS REPORT, 1972

Monitoring and Data Analysis Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Water Programs
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711
December 1973

1a

ACKNOWLEDGMENTS

The Office of Air and Water Programs of the Environmental Protection Agency would like to thank the Regional Offices and the many state and local agencies that have contributed air quality data. Thanks also are extended to the Quality Assurance and Environmental Monitoring Laboratory, NERC-RTP, for providing air quality data from the National Air Surveillance Network.

This report has been reviewed by the Monitoring and Data Analysis Division, Office of Air Quality Planning and Standards, Office of Air and Water Programs, Environmental Protection Agency, and approved for publication. Mention of trade names or commercial products does not constitute endorsement or recommendation for use. Copies are available free of charge to Federal employees, current contractors and grantees, and non-profit organizations - as supplies permit - from the Air Pollution Technical Information Center, Environmental Protection Agency, Research Triangle Park, North Carolina 27711, or copies may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20460.

Publication No. EPA-450/1-73-004

CONTENTS

LIST OF FIGURES v
LIST OF TABLES vi
ABSTRACT. viii
LIST OF ABBREVIATIONS. viii
1. SUMMARY 1-1
- 1.1 Introduction 1-1
- 1.2 National Monitoring and Air Quality Data Summary 1-1
  - 1.2.1 Monitoring Network Summary 1-1
  - 1.2.2 Air Quality Summary 1-2
- 1.3 Trends in Air Quality. 1-6
  - 1.3.1 Trends in Total Suspended Particulate 1-6
  - 1.3.2 Trends in Sulfur Dioxide 1-6
  - 1.3.3 Trends in Sulfates as Related to Total Suspended Particulate and Sulfur Dioxide 1-6
  - 1.3.4 Trends in Carbon Monoxide, Nitrogen Dioxide, and Oxidants 1-11

2. INTRODUCTION 2-1
- 2.1 General Background. 2-1
- 2.2 Air Quality Surveillance Programs. 2-1
  - 2.2.1 Status of NASN Decentralization 2-1
  - 2.2.2 Status of CAMP Network 2-2
- 2.3 Report Limitations 2-2
- 2.4 References 2-2

3. STATUS OF MONITORING AND AIR QUALITY DATA 3-1
- 3.1 Status of Monitoring Networks 3-1
  - 3.1.1 National Monitoring Summary. 3-1
  - 3.1.2 State Monitoring 3-1
  - 3.1.3 Regional Monitoring Progress Summary 3-2
- 3.2 Summary of 1972 Air Quality Data 3-2
  - 3.2.1 National Summary. 3-2
  - 3.2.2 AQCR Summary 3-22
  - 3.2.3 Individual Station Summary 3-53
- 3.3 References 3-53

4. TRENDS IN AIR QUALITY. 4-1
- 4.1 Trends in Total Suspended Particulates 4-1
  - 4.1.1 Nationwide Trends. 4-1
- 4.2 Trends in Sulfur Dioxide 4-1
  - 4.2.1 Nationwide Trends. 4-1
  - 4.2.2 Comparison of Trends and Percent Sulfur Content Regulations in Distillate and Residual Fuel Oil for Selected AQCR's 4-4
    - 4.2.2.1 New Jersey-New York-Connecticut Interstate AQCR. 4-4
    - 4.2.2.2 Metropolitan Philadelphia Interstate AQCR. 4-6
    - 4.2.2.3 Metropolitan Chicago Interstate AQCR 4-7
- 4.3 Trends in Sulfates as Related to Total Suspended Particulate and Sulfur Dioxide 4-8
  - 4.3.1 Statistical Methodology 4-8
  - 4.3.2 Comparison of Long-Term Trends in Sulfates, Total Suspended Particulate, and Sulfur Dioxide 4-9

4.3.3 Comparison of Yearly Changes in Sulfates and Sulfur Dioxide Between 1969 and 1970 4-10
4.3.4 Geographical Relationships 4-10
4.3.4.1 Sulfates and Total Suspended Particulates 4-10
4.3.4.2 Sulfates and Sulfur Dioxide 4-11
4.3.4.3 Trends and Geography 4-11
4.3.5 Discussion of Results 4-12
4.3.6 Extrinsic Sulfate Formation on Glass Fiber Filters 4-13
4.3.7 Summary and Conclusions 4-13
4.4 Trends in Carbon Monoxide, Nitrogen Dioxides, and Oxidant 4-13
4.4.1 Methodology 4-14
4.4.2 General Patterns 4-14
4.4.3 Los Angeles 4-14
4.4.3.1 Carbon Monoxide Trends in Los Angeles. 4-21
4.4.3.2 Nitrogen Dioxide Trends in Los Angeles 4-23
4.4.3.3 Oxidant Trends in Los Angeles 4-23
4.4.4 New Jersey 4-23
4.4.4.1 Carbon Monoxide Trends in New Jersey 4-27
4.4.4.2 Nitrogen Dioxide Trends in New Jersey 4-27
4.4.4.3 Oxidant Trends in New Jersey 4-27
4.4.5 Comparison of Trends with Average Highway Emission Factors for Highway Vehicles 4-29
4.5 References 4-30

APPENDIX. SUMMARY OF DATA FROM AIR QUALITY MONITORING STATIONS BY AQCR, 1972 . . . . A-1

A.1 Suspended Particulate Matter A-2

A.2 Sulfur Dioxide A-2

A.3 Carbon Monoxide A-3

A.4 Oxidants A-3

A.5 References A-3

LIST OF FIGURES

Figure Page

1-1 Status of Suspended Particulate Levels, 1972 1-7

1-2 Status of Sulfur Dioxide Levels, 1972 1-8

1-3 Status of Carbon Monoxide Levels, 1972. 1-9

1-4 Status of Oxidants Levels, 1972 1-10

1-5 Composite Levels of Total Suspended Particulate at Urban and Nonurban NASN Stations 1-11

1-6 Composite Levels of Sulfur Dioxide at 32 NASN Stations . . . 1-12

3-1 Status of Suspended Particulate Levels, 1972 3-49

3-2 Status of Sulfur Dioxide Levels, 1972 3-50

3-3 Status of Carbon Monoxide Levels, 1972 3-51

3-4 Status of Oxidants, 1972 3-52

4-1 Composite Levels of Total Suspended Particulate at Urban and Nonurban NASN Stations. 4-2

4-2 Composite Levels of Sulfur Dioxide at 32 NASN Stations . . . 4-3

4-3 Comparison of SO_2 Trends at Bayonne, New Jersey, with Regulations Governing Percent Sulfur Content in Fuel 4-5

4-4 Comparison of SO_2 Trends in Philadelphia with Regulations Governing Percent Sulfur Content in Fuel 4-6

4-5 Comparison of SO_2 Trends in Chicago with Regulations Governing Percent Sulfur Content in Fuel 4-7

4-6a Nationwide Distribution of Average Sulfate Concentrations, 1968-1970 4-12

4-6b Nationwide Distribution of Average Sulfate Fractions Expressed as Percent of Total Particulates, 1968-1970 4-12

4-7 Graphs of Instrumental Analyses of CO, NO_2, and O_x for Selected Sites in Los Angeles Area at 25 °C 4-15

4-8 Graphs of Carbon Monoxide, Nitrogen Dioxide, and Total Oxidants for Selected Sites in the State of New Jersey 4-19

4-9 Seasonal Patterns of NO_2 and Oxidant at the West Los Angeles Station, 1963-1971 4-20

4-10 Location of Air Monitoring Sites in Los Angeles Area 4-20

4-11 Location of Air Monitoring Sites in New Jersey 4-26

4-12 Percent of Observations Above Primary Oxidant Standards by Hour (May-October) at Camden Station Between 1964 and 1972, and at Bayonne and Newark Stations Between 1966 and 1972. 4-28

LIST OF TABLES

Table | Page

1-1 Nationwide Summary of State Monitoring as Reporting to NADB 1-2

1-2 Status of Air Quality Control Regions (AQCR) with Respect to State Implementation Plan Requirements as of September 1973 1-2

1-3 Status of Monitoring Activity as Reported to NADB, September 24, 1973 1-3

1-4 Standards Status of Monitoring Stations, by Pollutant, 1972 1-4

1-5 AQCR Status with Respect to Standards, Summarized by Priority Classification, 1972 1-5

3-1 Nationwide Summary of State Monitoring Stations Reporting to NADB, October 1973 3-2

3-2 Status of Monitoring Activity as Reported to NADB, by States, September 24, 1973 3-3

3-3 Status of Monitoring Activity as Reported to NADB, by Regions. September 24, 1973 3-7

3-4 Status of Monitoring Activity for EPA Regions as Reported to NADB, September 24, 1973 3-8

3-5 AQCR Status with Respect to Standards, Summarized by Priority Classification, 1972 3-21

3-6 Standards Status of Monitoring Stations by Pollutant, 1972 3-23

3-7 Summary of AQCR's Exceeding National Ambient Air Quality Standards, 1969-1972 3-24

4-1 SO_2 Annual Arithmetic Means for Selected NASN Stations, 1970-1972. . 4-3

4-2 Total Annual Degree-Days for Selected NASN Stations, 1970-1972 4-4

4-3 Summary of Chicago City Regulations on Sulfur Content of All Fuels . . . 4-7

4-4 Long-Term Temporal Patterns in Sulfates as Compared with Trends in TSP and SO_2, 1964-1970 4-10

4-5 Association of Year-to-Year Changes Between SO_2 and Sulfate Stations, 1969-1970 4-11

4-6 Percentage of Daily Excursion Above the 8-Hour Carbon Monoxide Standard of 10 mg/m^3 in Los Angeles County, 1963-1971 4-21

4-7 Annual Maximum 1-Hour Carbon Monoxide Values in the Los Angeles Air Basin, 1963-1972 4-22

4-8 Number of Hours Above Oxidant Standard by Month and Time of Day at Downtown Los Angeles Station, 1971 4-24

4-9 Number of Hours Above Oxidant Standard by Month and Time of Day at the Riverside Station, 1971 4-25

Table Page

4-10 Number of Times National Oxidant Standard was Exceeded at Los Angeles County Sites, 1963-1972 4-26

4-11 Annual Frequency of Daily Excursions Above 8-Hour Carbon Monoxide Standard of 10 mg/m^3 at the New Jersey Site 4-27

4-12 Annual Maximum 1-Hour Carbon Monoxide Values in New Jersey, 1966-1972 4-29

4-13 Average Emission Factors for Highway Vehicles Based on Nationwide Statistics 4-29

A-1 Data from Stations Monitoring TSP with Gravimetric 24-Hour Hi-Vol Filter Sample A-4

A-2 Data from Stations Monitoring SO$_2$ with West-Gaeke (Sulfamic Acid) 24-Hour Bubbler Method A-70

A-3 Data from Stations Monitoring SO$_2$ with West-Gaeke Colorimetric Method A-97

A-4 Data from Stations Monitoring SO$_2$ with Conductometric Method . . . A-98

A-5 Data from Stations Monitoring SO$_2$ with Coulometric Method A-100

A-6 Data from Stations Monitoring CO with Nondispersive Infrared Continuous Method A-102

A-7 Data from Stations Monitoring O$_x$ with Alkaline Potassium Iodide KI Method A-107

A-8 Data from Stations Monitoring O$_x$ with Colorimetric Neutral Potassium Iodide KI Method A-108

A-9 Data from Stations Monitoring O$_x$ with Coulometric Neutral Potassium Iodide KI Method A-111

A-10 Data from Stations Monitoring Ozone with Chemiluminescence Method A-112

ABSTRACT

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1972. Its findings are based on extensive monitoring activities conducted by Federal, State, and local air pollution control agencies organized within established Air Quality Control Regions. Information is provided for four of the five pollutants for which National Ambient Air Quality Standards (NAAQS) have been set. In addition, an analysis of the trends of CO, oxidants, and NO_2 are presented for selected AQCR's. A discussion of the trends in sulfate concentrations at National Aerometric Surveillance Network stations is included along with an update for 1972 of the previously published analysis of TSP and SO_2.

LIST OF ABBREVIATIONS

AQCR	Air Quality Control Region
CAMP	Continuous Air Monitoring Program
HC	Hydrocarbons
NAAQS	National Ambient Air Quality Standards
NADB	National Aerometric Data Bank
NASN	National Aerometric Surveillance Network
NO	Nitric Oxide
NO_2	Nitrogen Dioxide
NO_x	Oxides of Nitrogen (NO and NO_2)
O_x	Total Oxidants
PM	Particulate Matter
SAROAD	Storage and Retrieval of Aerometric Data
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
TSP	Total Suspended Particulates

MONITORING AND AIR QUALITY TRENDS REPORT, 1972

1. SUMMARY

1.1. INTRODUCTION

This report, which is the second in a series to be issued periodically by the Office of Air and Water Programs, presents an overview of the status of air quality monitoring on a national scale for 1972. Besides providing information to the public, this document should prove useful to Federal and State officials in assessing the progress toward achievement of national air quality goals.

The findings presented in this report are based on extensive monitoring activities conducted by Federal and other agencies within 247 established Air Quality Control Regions (AQCR's). Information is furnished for four of the five pollutants for which National Ambient Air Quality Standards (NAAQS) have been set. These pollutants are suspended particulate matter (PM), sulfur dioxide (SO_2), carbon monoxide (CO), and photochemical oxidants (O_x). No data for nitrogen dioxide are presented for two reasons: (1) although three candidate methods have been proposed, a standard reference method has not as yet been designated; (2) the regional classification system has been revoked. A new one has been proposed but not yet promulgated as a final regulation. Information on trends in NO_2 concentrations is presented for a limited number of areas, however, since the main concern is yearly change rather than absolute averages.

The data acquired by State air quality monitoring stations established under the State Implementation Plans (SIP's) are to be submitted to EPA on a quarterly basis. These data furnish the Agency the bases both for periodic air quality information evaluation and assessment of the rate at which SIP's are achieving their stated goals. Because the report includes information both on current air quality and on the status of SIP air monitoring networks, it should serve as a reference for reviewing the present status of the air quality monitoring program.

1.2. NATIONAL MONITORING AND AIR QUALITY DATA SUMMARY

In interpreting data presented in this report, it should be understood that State monitoring networks are to meet the Federal requirements by June 1974. Also, a time lag exists between the installation of a monitor in the field and the incorporation of data into the National Aerometric Data Bank (NADB). This is to emphasize that this report portrays a cross section of an evolving process rather than a final result.

1.2.1. Monitoring Network Summary

Table 1-1 is a summary of nationwide monitoring activity as reported to NADB. As indicated in the first two columns, there has been a substantial increase in the number of reporting stations for all pollutants from 1971 to 1972. This increase can be attributed to both additional monitors being put into the field and others reporting for the first time as a result of SIP reporting requirements. In some cases, the existing number of reporting monitors exceeds the legal

Table 1-1. NATIONWIDE SUMMARY OF STATE MONITORING AS REPORTING TO NADB

Pollutant/method	1971[a]	1972[a]	1974 proposed	Legal requirement
TSP/hi-vol	1313	2683	3511	1352
SO_2/continuous	62	129	698	213
SO_2/bubbler	347	935	1431	666
O_x/continuous	50	113	458	209
CO/continuous	58	128	457	133
Total	1830	3988	6555	2573

[a] Represents the number of stations for which valid data exist for at least one quarter. Valid means the data were taken for at least 75 percent of the time interval and were well distributed over that time interval.

requirement; this should be viewed with some caution, however, since the geographical distribution results in many AQCR's being below the minimum requirements, as is demonstrated in Tables 1-2 and 1-3.

Table 1-2. STATUS OF AIR QUALITY CONTROL REGIONS (AQCR) WITH RESPECT TO STATE IMPLEMENTATION PLAN REQUIREMENTS AS OF SEPTEMBER 1973[a]

	Number of AQCR's		
Pollutant	Meeting minimum requirements	Not meeting minimum requirements	Monitoring required
TSP	152	95	247
SO_2	110	137	247
CO	6	23	29
Oxidants	5	49	54
NO_2[b]	0	45	45

[a] Based on 1972 data.

[b] The standard reference measurement method is currently undergoing re-evaluation. A new method and monitoring frequency will be designated by March 1974.

1.2.2. Air Quality Summary

The relationship between the total number of monitoring stations for a given pollutant and the number of those stations whose measurements exceeded established standards is presented in Table 1-4. This information is presented for 1972. Note that this table reflects only those stations from the NADB for which sufficient data were available to permit valid assessments of ambient air quality. It does not include all operating stations and, therefore, must not be construed as representing the total number of stations for which measurements may have exceeded air quality standards.

To ensure effective sequencing of State plan development, the Federal Regulations set forth a Priority Classification system under which all AQCR's are grouped into three priority categories. These categories are based on the severity of pollutant concentrations either

Table 1-3. STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR's Rept'g			No. of stations		AQCR's Rept'g			No. of stations		AQCR's Rept'g			No. of stations		AQCR's Rept'g		
Region	No. of AQCR's within region	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.
I	21	87	133	6	1	14	82	85	10	1	10	11	4	4	0	17	11	0	4	0	17
II	14	97	315	0	0	14	86	83	3	3	8	21	30	1	1	12	26	10	5	1	8
III	32	177	360	3	4	25	106	136	11	2	19	21	8	5	1	26	26	5	7	0	25
IV	59	278	562	7	8	44	149	345	14	5	40	3	9	1	0	58	23	8	9	1	49
V	56	252	466	24	7	25	207	234	26	4	26	18	6	4	1	51	34	10	8	1	47
VI	38	107	315	2	0	36	83	62	16	1	21	2	3	2	0	36	31	7	8	4	26
VII	28	108	165	4	3	21	39	39	15	0	13	7	5	2	0	26	11	4	3	1	24
VIII		70	99	11	1	13	39	7	21	0	4	5	5	1	0	24	5	2	1	1	23
IX		99	108	11	0	10	47	47	9	3	9	34	44	3	0	18	34	64	1	1	19
X	19	77	144	1	1	17	36	14	14	1	4	11	11	0	1	18	8	6	1	1	17

[a] Includes intra- and interstate portions of AQCR's.

[b] M.R. -- minimum required.

Table 1-4. STANDARDS STATUS OF MONITORING STATIONS, BY POLLUTANT, 1972

	Number of stations
Suspended particulates	
Total stations with year's valid data[a]	1589
Exceeding annual secondary standard[b]	871
Exceeding annual primary standard	516
Total stations with valid data for 1 or more quarters	2683
Exceeding 24-hr secondary standard	1100
Exceeding 24-hr primary standard	261
Sulfur dioxide	
Total stations with year's valid data[a]	500
Exceeding annual primary standard	9
Total stations with valid data for 1 or more quarters	1064
Exceeding 24-hr primary standard	24
Exceeding 3-hr secondary standard	10
Carbon monoxide	
Total stations with valid data for 1 or more quarters[a]	128
Exceeding 1-hr standard	13
Exceeding 8-hr standard	95
Total oxidants or ozone	
Total stations with valid data for 1 or more quarters[a]	111
Exceeding 1-hr standard	93

[a] Sufficient data available from which statistics can be calculated.

[b] This is considered to be an air quality guide rather than a standard.

directly measured or estimated. A given AQCR is categorized by individual pollutant rather than on an overall basis. Thus, a Region may be classified as Priority I (most severe) for one pollutant and Priority III for another. This Priority Classification system was designed to guide the States in allocating resources for pollution control measures.

Table 1-5 presents a summary of the number of AQCR's with measurements in excess of NAAQS by pollutant priority classification. Based on data available in NADB, 3 TSP Priority I or Ia AQCR's did not exceed any standards in 1972. More importantly, in 1972, 9 Priority III AQCR's exceeded the annual primary standard (7 others exceeded only the secondary guide), and 12 exceeded the primary 24-hour standard (8 others exceeded only the secondary standard).

The fact that Priority I AQCR's have met or are meeting NAAQS is encouraging, but because of data limitations, it can not be concluded that NAAQS are being met everywhere in the Region. The fact, however, that concentrations in excess of NAAQS are being measured in Priority III Regions is a matter of important interest since SIP requirements may be less stringent for these Priority III Regions and, thus, promulgated control strategies might not necessarily be effective in achieving NAAQS.

In addition, 124 Priority I and II AQCR's exceeded any primary TSP standard in 1972, while 162 AQCR's had stations reporting data in excess of any secondary standards.

Only 19 out of 162 AQCR's with data were in excess of any primary standards for SO_2.

Table 1-5. AQCR STATUS WITH RESPECT TO STANDARDS, SUMMARIZED BY PRIORITY CLASSIFICATION, 1972

Status	Priority			
	I	II	III	Totals
Suspended particulates				
Total AQCR's in each priority class	120	70	57	247
No. of AQCR's not exceeding any standards	3	9	9	21
No. of AQCR's reporting sufficient quarterly or annual data	118	63	37	218
No. of AQCR's exceeding any secondary standard or guide	113	49	23	185
No. of AQCR's exceeding any primary standard	102	22	14	138
No. of AQCR's exceeding secondary 24-hr standard	110	41	20	171
No. of AQCR's exceeding primary 24-hr standard	77	10	12	99
No. of AQCR's reporting sufficient annual data	110	53	28	191
No. of AQCR's exceeding secondary annual guide	103	38	16	157
No. of AQCR's exceeding primary annual standard	93	20	9	122
No. of AQCR's reporting only sufficient quarterly data	8	10	9	27
No. of AQCR's reporting insufficient data to compare to NAAQS	2	7	20	29
Sulfur dioxide				
Total AQCR's in each priority class	60	41	146	247
No. of AQCR's not exceeding any standards	29	23	53	105
No. of AQCR's reporting sufficient quarterly or annual data	52	31	79	162
No. of AQCR's exceeding the secondary 3-hr standard	6	1	0	7
No. of AQCR's exceeding any primary standard	13	4	2	19
No. of AQCR's exceeding primary 24-hr standard	13	4	2	19
No. of AQCR's reporting sufficient annual data	41	27	55	123
No. of AQCR's exceeding primary annual standard	4	0	0	4
No. of AQCR's reporting only sufficient quarterly data	11	4	24	39
No. of AQCR's reporting insufficient data to compare to NAAQS	8	10	67	85
Carbon monoxide				
Total AQCR's in each priority class	30		217	247
No. of AQCR's reporting sufficient quarterly or annual data	22		26	48
No. of AQCR's exceeding any primary standard	21		21	42
Oxidants				
Total AQCR's in each priority class	55		192	247
No. of AQCR's reporting sufficient quarterly or annual data	31		7	38
No. of AQCR's exceeding any primary standard	25		3	28

In almost every AQCR where data were taken, the 8-hour standard for CO was exceeded. Of the 48 AQCR's for which data were available, 42 Regions--21 of which are classified Priority III--exceeded at least one CO standard.

For oxidants, out of 38 AQCR's with data, 28 were in violation of the 1-hour standard.

A pictorial and geographical display of AQCR status with respect to air quality standards is shown in Figures 1-1 through 1-4.

1.3. TRENDS IN AIR QUALITY

The air quality trends discussed in this report are based on Federal as well as State and local data. The Federal data, collected via the National Air Surveillance Network (NASN) provide the basis for an assessment of national trends in total suspended particulates, sulfur dioxide, and sulfates.

At the inception of NASN, resource limitations dictated placement of only one major station in each urban area. Stations were located primarily in downtown or center-city areas and, therefore, do not necessarily reflect the "worst" air quality to be found in heavily industrialized portions of many cities. Thus, the national trend interpretations must be viewed with this data-collection limitation in mind.

When examining carbon monoxide, nitrogen dioxide, and oxidant, there are insufficient historical data to make a national assessment. For this reason, two Regions were selected, Los Angeles and selected sites in New Jersey. The Los Angeles area was selected because this region has a large number of sites and is therefore amenable to both spatial and temporal analyses. To complement the discussion of this West Coast Region, three sites in New Jersey are also examined to indicate comparable patterns in a different geographical region.

1.3.1. Trends in Total Suspended Particulate

As demonstrated in Figure 1-5, concentrations of total suspended particulate matter experienced a general decline at many urban areas across the nation during the 1960's. In comparison, only a minor overall change has been observed thus far during the 1970's. For the urban sites, the composite average decreased from approximately 110 $\mu g/m^3$ in 1960 to 82 $\mu g/m^3$ in 1972, an overall decrease of approximately 25 percent.

1.3.2. Trends in Sulfur Dioxide

A nationwide decrease in ambient sulfur dioxide concentrations was observed throughout the stations of the NASN over the 8-year period 1964-1971, as can be seen in Figure 1-6. It can be noted that, although the level is higher for 1972 than 1971, it is comparable to the level of 1970 at many sites and is usually lower than the levels present during the late 1960's.

Seven stations with the largest increase in SO_2 concentrations between 1971 and 1972 were selected for a detailed examination that compared their air quality concentrations with their annual degree-day values. The conclusion derived from the analysis is that the decrease in the SO_2 composite average between 1970 and 1971 was probably a true decrease, whereas the reversal from 1971 to 1972 is greatly exaggerated because the number of degree-days for 1972 was above normal. Therefore, it is not certain that a trend reversal was begun in 1972 but, rather, it would appear that the higher levels that were experienced are of a temporary, non-sustaining nature, provided there is no significant change in air pollution control strategies dealing with SO_2 sources.

Finally, a detailed discussion of trends in SO_2 concentrations compared with regulations governing sulfur content in fuel is presented for three metropolitan areas. For the most part, the decrease in SO_2 concentrations for each of these areas can be attributed primarily to sulfur-content regulations.

1.3.3. Trends in Sulfates as Related to Total Suspended Particulate and Sulfur Dioxide

Sulfates were examined because it is recognized that human respiratory disease is more closely associated with sulfates than with sulfur dioxide. In light of the downward trends in

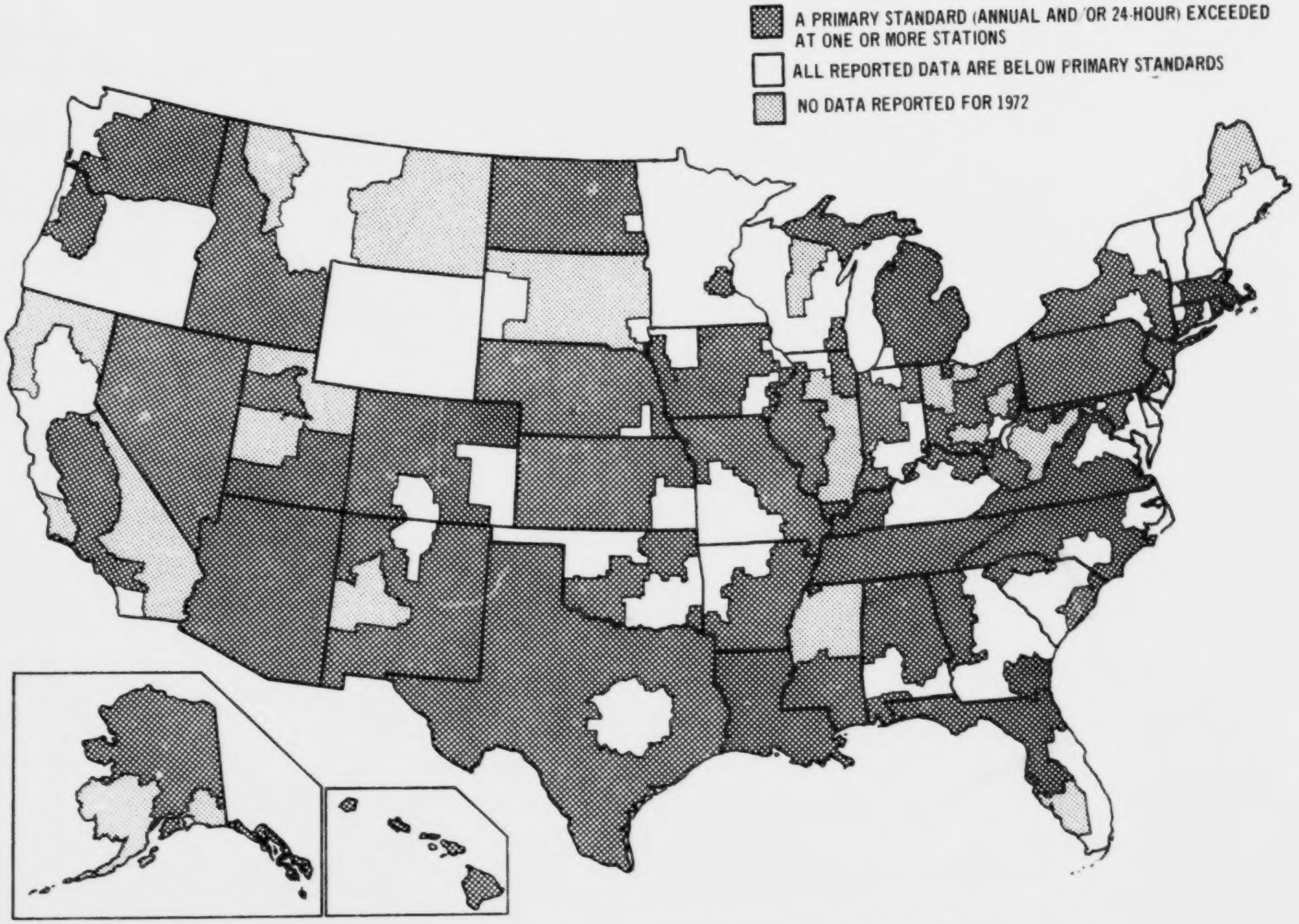

▨ A PRIMARY STANDARD (ANNUAL AND/OR 24-HOUR) EXCEEDED AT ONE OR MORE STATIONS
☐ ALL REPORTED DATA ARE BELOW PRIMARY STANDARDS
░ NO DATA REPORTED FOR 1972

Figure 1-1. Status of suspended particulate levels. 1972.

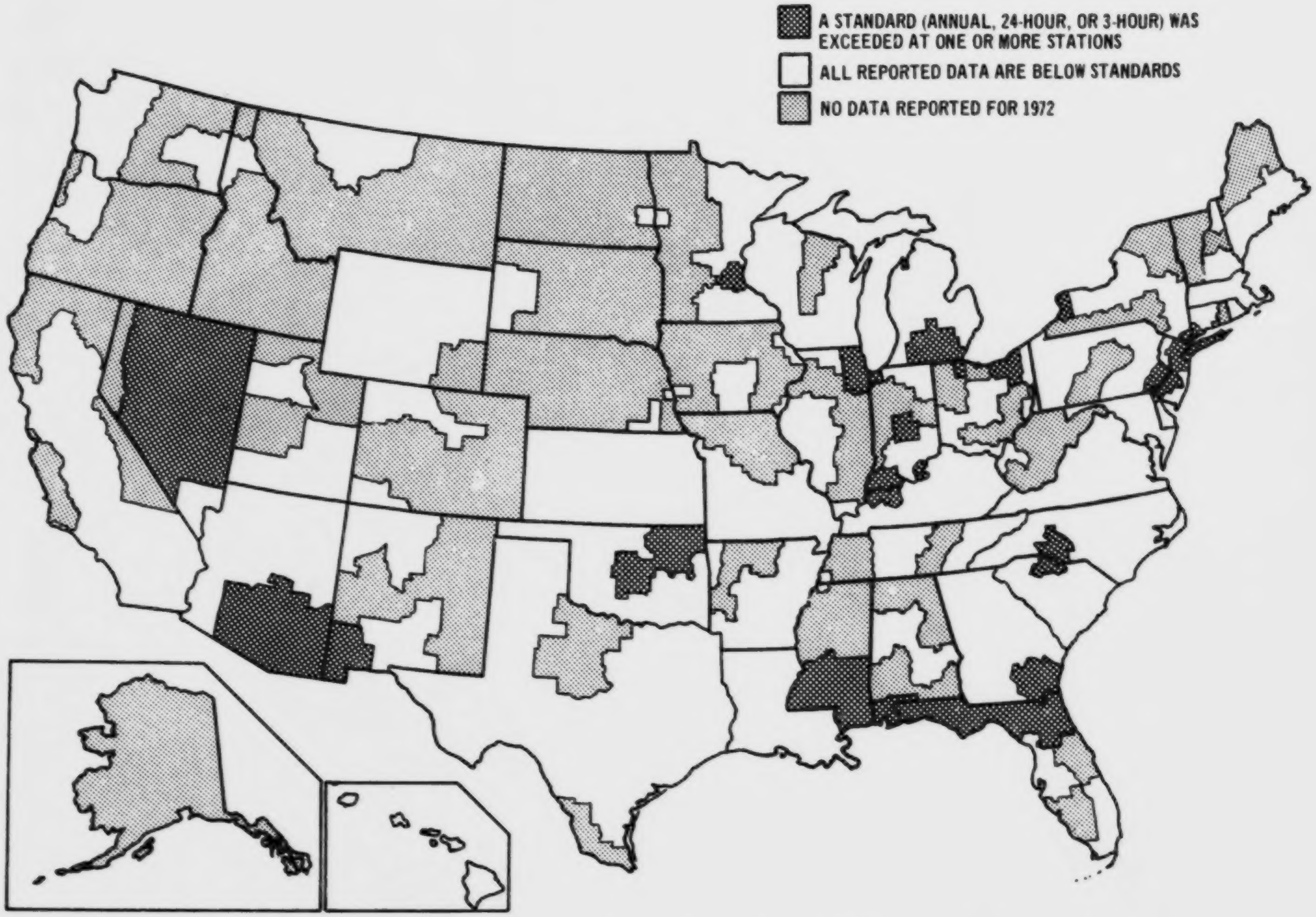

A STANDARD (ANNUAL, 24-HOUR, OR 3-HOUR) WAS EXCEEDED AT ONE OR MORE STATIONS
ALL REPORTED DATA ARE BELOW STANDARDS
NO DATA REPORTED FOR 1972

Figure 1-2. Status of sulfur dioxide levels, 1972.

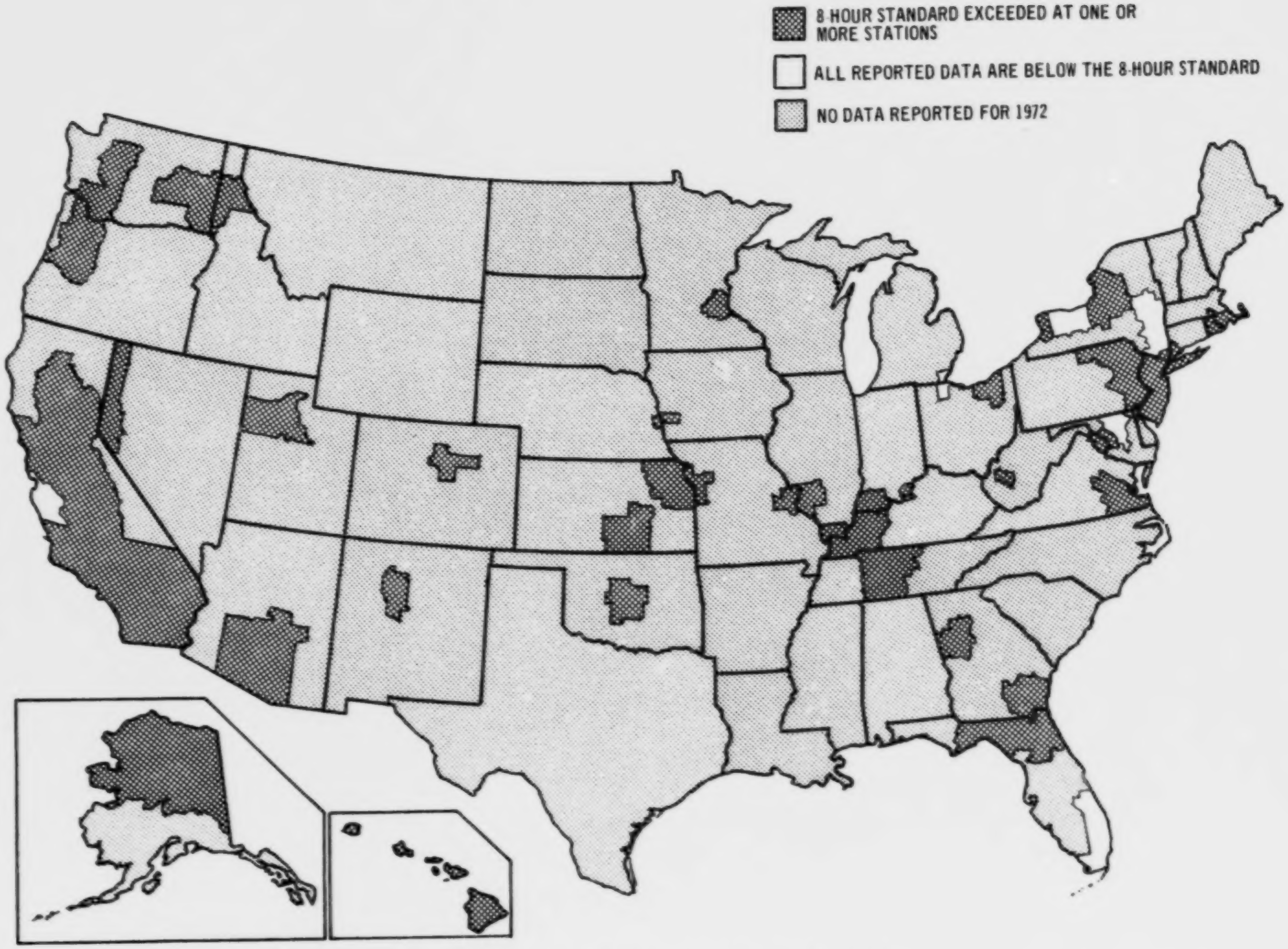

▨ 8-HOUR STANDARD EXCEEDED AT ONE OR MORE STATIONS
☐ ALL REPORTED DATA ARE BELOW THE 8-HOUR STANDARD
▨ NO DATA REPORTED FOR 1972

Figure 1-3. Status of carbon monoxide levels, 1972.

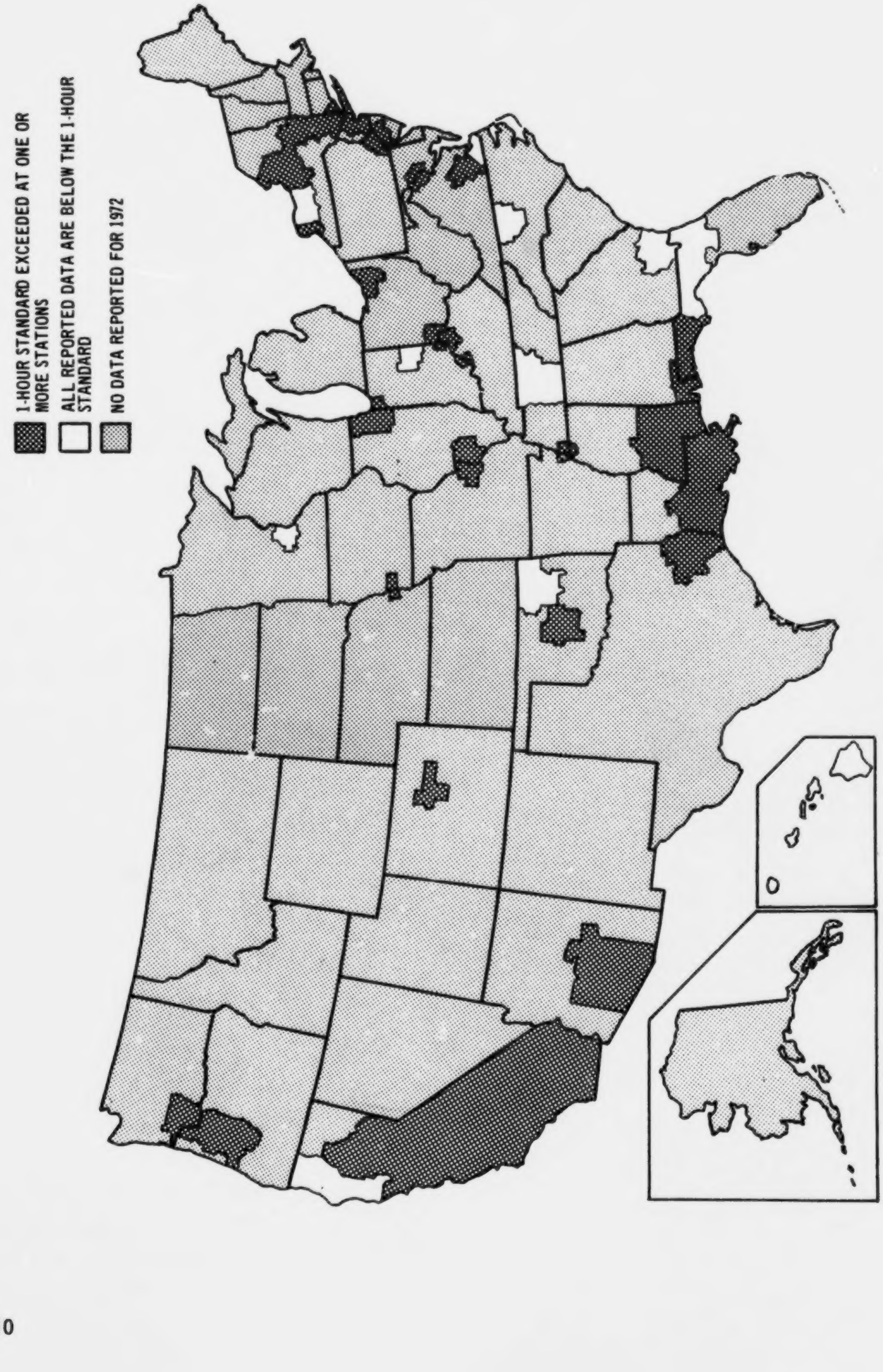

▩ 1-HOUR STANDARD EXCEEDED AT ONE OR MORE STATIONS
☐ ALL REPORTED DATA ARE BELOW THE 1-HOUR STANDARD
▨ NO DATA REPORTED FOR 1972

Figure 1-4. Status of oxidants, 1972.

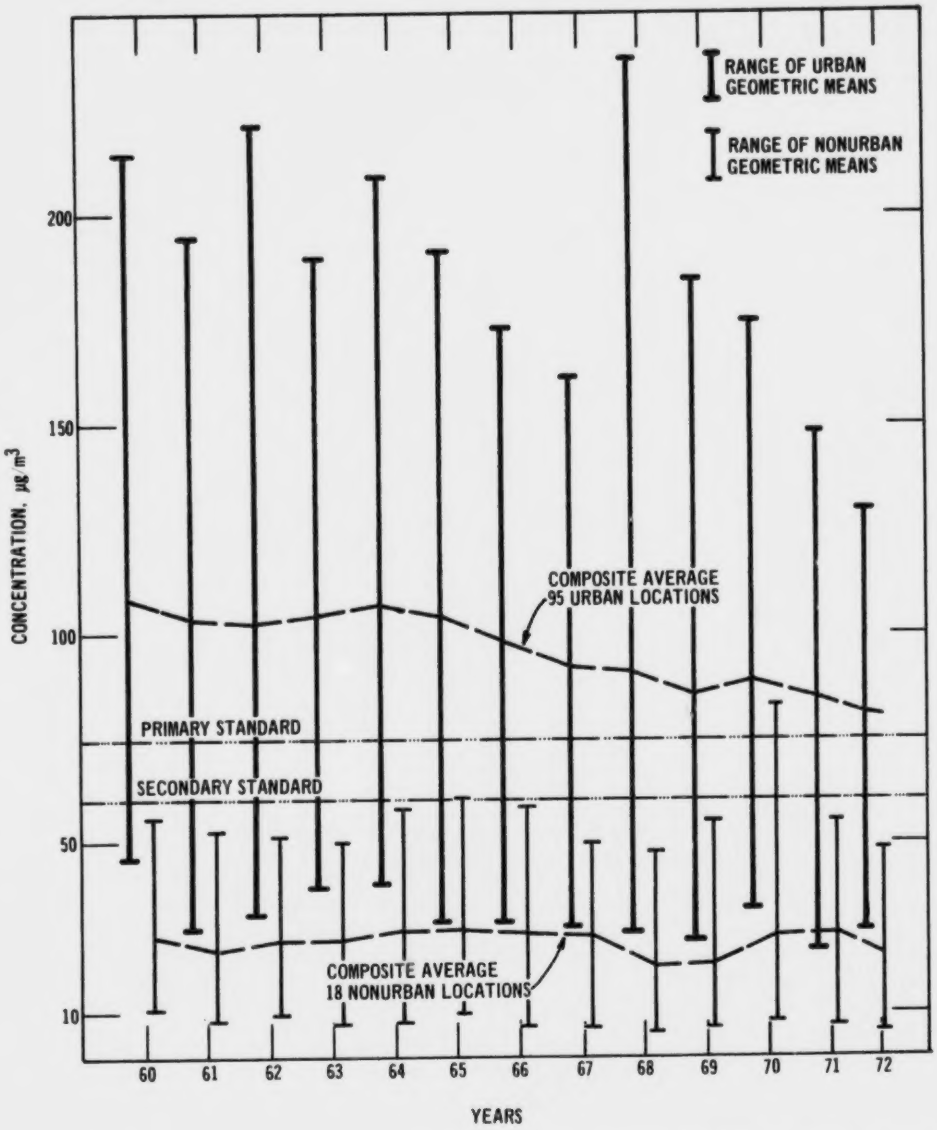


Figure 1-5. Composite levels of total suspended particulate at urban and nonurban NASN stations.

TSP and SO_2, a corresponding decline in sulfates ($SO_4^=$) might be expected. The results of this analysis, based on data from 62 sites over the years 1964 through 1970, do not bear out this expectation. In the majority of instances, the quantity of sulfate in the high-volume samples has remained essentially unchanged. Moreover, sulfate concentrations seem to be somewhat independent of ambient sulfur dioxide concentrations at individual locations and can be better described by the concentration of total suspended particulates and the general geographic locality of the monitoring station.

1.3.4. Trends in Carbon Monoxide, Nitrogen Dioxide, and Oxidant

Because of insufficient historical data to make a national assessment, two regions were selected for trends analysis--Los Angeles and selected sites in New Jersey. Although each

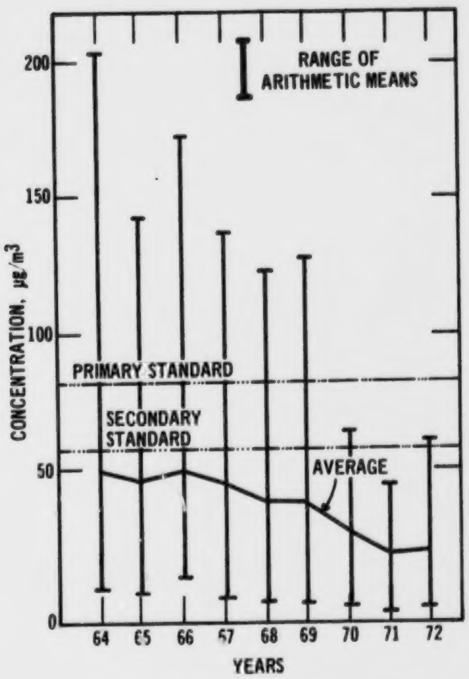


Figure 1-6. Composite levels of sulfur dioxide at 32 NASN stations.

site has its own particular pattern, it is possible to make certain generalizations regarding the trends for these pollutants. Oxidant reaches a peak in the summer months, whereas nitrogen dioxide and carbon monoxide peak during the winter.

Overall carbon monoxide averages have decreased notably since 1968. Even after adjusting for the upward bias from 1 to 4 ppm (1.1 to 4.6 mg/m^3) due to instrumental modification for sites in Los Angeles County prior to April 1968, there has still been a decline in CO concentrations in Los Angeles County. While the frequency of excursions above the 8-hour primary standard has dropped since 1968, a corresponding reduction in 1-hour maximum concentrations was not always achieved.

Trends in the annual average for nitrogen dioxide showed a mixture of patterns. Whereas the three New Jersey sites reported marginal declines, the predominant pattern in the Los Angeles area was increasing.

Oxidant concentrations have shown a general decline since the late 1960's. Although oxidant is an area-wide pollutant, the discussion of Los Angeles indicates the variability of patterns that co-exist within a fairly specific geographical area.

Finally, a comparison is made between carbon monoxide, oxidants, and nitrogen oxides and their associated emissions. It is shown that trends in the pollutants generally corresponded with the trends in their associated emissions, demonstrating the success of the emission control strategy for mobile sources.

2. INTRODUCTION

This report presents a comprehensive tabulation of the nation's air quality and monitoring activities for 1972. Its findings are based on extensive monitoring activities conducted by Federal, State, and local air pollution control agencies organized within established Air Quality Control Regions (AQCR's). Information is provided for the four pollutants for which National Ambient Air Quality Standards (NAAQS) have been set. In addition, analyses of the trends of CO, oxidants, and NO_2 are presented for selected AQCR's. A discussion of the trends in sulfate concentrations at NASN is included along with an update for 1972 of the previously published analyses of TSP and SO_2.[1]

The two-volume report entitled The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report[1] contains air quality data and monitoring network information for years prior to 1972, along with the aforementioned analyses of the air quality trends at the NASN.

2.1. GENERAL BACKGROUND

As a result of the Clean Air Act (amended 1970) and various regulations[2,3] promulgated by EPA, the States were required to adopt and submit to the Administrator a plan which provides for the achievement of air quality standards and maintenance of existing air quality where standards are already being met. EPA has the responsibility for surveillance of the SIP's to determine whether they are being adequately supported and whether sufficient progress is being made toward meeting national air quality goals. Because of EPA's recognition of the deficiencies of many of the air quality data used to develop these plans, the States were required to establish air quality surveillance systems (meeting minimum criteria) which must be operational by June 1974. Data submitted from the operation of these networks are to form the basis for assessing the degree to which NAAQS's are realized. In addition, the States are required to submit to EPA, on a quarterly basis, all of the air quality data which they have obtained from their existing monitoring networks. These data are to be submitted to the EPA Regional Offices for examination for inconsistencies and errors. The corrected data are then to be forwarded to the Office of Air Quality Planning and Standards for inclusion in the National Aerometric Data Bank.

The time required to process the air quality data from the States through the Regional Offices to the NADB, and evaluate the data for trends or for compliance with NAAQS's is on the order of 6 months. Thus, this report will contain only 1972 data.

Data on 1972 NO_2 air quality or NO_2 monitoring networks will not be covered in this report since the reference method will not be designated until March 1974. Data from existing networks will be summarized as soon as a new reference method and equivalency factors for existing networks are established.

2.2. AIR QUALITY SURVEILLANCE PROGRAMS

The following is a brief account of the status of the NASN and CAMP networks. A more detailed discussion of the nature and purpose of all the Federal and State monitoring networks has been published previously.[1]

2.2.1. Status of NASN Decentralization

The National Air Surveillance Network is currently undergoing a decentralization from NERC/RTP to the Regional Offices. This process involves the transfer of NERC personnel and some of the laboratory functions to the Regions. The Regional personnel can either perform the laboratory work themselves or rely on the States for the analyses. A quality control program is being conducted by NERC personnel to ensure that samples analyzed by the various laboratories will be comparable. In addition, contacts have been established to provide for a smooth and orderly transfer of responsibilities and to minimize any discontinuities in the data-flow process.

As a result of this decentralization, several stations are either being shut down or removed. It is the policy of Monitoring and Data Analysis Division not to move or alter the sampling environment of sites which have a long history of data collection (over 10 years). MDAD personnel are coordinating with the NERC and Regional Offices to ensure that these long-term sites remain intact.

2.2.2. Status of CAMP Network

The Continuous Air Monitoring Program has been providing continuous data on air pollutants since the early 1960's. It was established by the Division of Air Pollution of the Public Health Service because a good data base did not exist at the time and little was known about diurnal air pollution patterns.

Because many State and local agencies are currently collecting data on a continuous basis, the need for the CAMP data has diminished. The CAMP network, however, does include some of the very few monitoring stations for long-term trend data. Also, several SIP's were based on data derived from these stations. Therefore, it was desirable to retain these stations to maintain the ability to look at long-term trends and also to monitor progress towards meeting the goals of the SIP's.

All of the CAMP stations (Denver, Cincinnati, Washington, D.C., St. Louis, Chicago, and Philadelphia) will remain in operation under funding by the EPA Regional Offices or NERC/RTP. The Cincinnati station will be closed temporarily while it is moved to a new location due to urban renewal activity at its present location.

2.3. REPORT LIMITATIONS

This report presents a comprehensive compilation and analysis of air quality data for 1972. Even though it is comprehensive, it must be recognized that there are several limitations which prevent a complete and representative analysis of the nation's air quality.

The first limitation concerns the scope of the national coverage of air quality data. For some pollutants, nearly all AQCR's are reporting measured data; for other pollutants, the national sample is heavily weighted by a handful of states.

Another limitation involves the fact that, on an AQCR basis, there may be a miminum required network in operation. In some areas, however, the samples may not be taken in representative areas of the Region, or an adequate quality control program may not be fully operational.

Finally, in other AQCR's, minimally adequate networks are not yet operational. Thus, compliance with NAAQS's in these areas is difficult to determine with confidence.

2.4. REFERENCES

1. The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Numbers EPA-450/1-73-001a (Vol. I) and EPA-450/1-73-001b (Vol. II). August 1973.

2. Federal Register, Vol. 36, No. 84, April 30, 1971, National Primary and Secondary Ambient Air Quality Standards.

3. Federal Register, Vol. 36, No. 158, August 14, 1971, Requirements for Preparation, Adoption, and Submittal of Implementation Plans.

3. STATUS OF MONITORING AND AIR QUALITY DATA

This section presents a summary account of national air quality and monitoring network data collected up to the end of calendar year 1972. Because of delays in State information processing and transmittal, the data for the first two quarters of 1973 are not yet available in sufficient amounts to warrant their inclusion in this report. The discussions of both air quality and monitoring networks are preceded by descriptions of the basic collection mechanisms by which these data were obtained. Summaries of the collected data are presented on both a national and an AQCR basis and include interpretative comments designed to highlight significant findings.

It is expected that the summary data presented in this section will be of value in providing an assessment of the degree to which the States are attaining compliance with the monitoring requirements that they must meet under the implementation planning program. In interpreting the data contained in this section, the reader should keep in mind that the program requirements are to be achieved progressively over a period ending not later than 1977.

A discussion of the implementation planning process can be found in the National Air Monitoring Program: Air Quality and Emissions Trends Annual Report.[1]

Both air quality and monitoring network data are first presented on a nationwide basis to provide a preliminary overview. Data are then tabulated on an AQCR basis in order to display prevailing patterns within any specific Region of interest.

Review of the data presented in this and the following section should be conducted with the understanding that the interpretation of a specific measurement should take into account not only its degree of validity per se, but also its usefulness as a representative indicator of air quality. The usefulness of data presented is influenced by many factors which are independent of the measurement process. All such factors, which include meteorological and topographical effects, atmospheric reactions and removal processes, and sensor location, influence the degree to which a given measurement is representative of air quality.

3.1. STATUS OF MONITORING NETWORKS

The following sections present both a national and regional overview of the State monitoring networks. These summaries are based on data in the National Aerometric Data Bank as of October 1973.

3.1.1. National Monitoring Summary

The relationship between the number of stations now existing and the minimum national totals on a pollutant basis which must be operational by 1974 provides one measure of progress in implementation plan achievement. The number of monitoring stations both existing and required under the implementation planning process by pollutant and method on a nationwide basis is presented in Table 3-1. As this table shows, the number of existing stations in a given category, in some instances, exceeds the 1974 legal requirement.

3.1.2. State Monitoring

Table 3-2 presents a summary of the States' progress in achieving the required network size. Another breakdown is shown in Table 3-3 for each of the 10 EPA Regions. A more detailed discussion of these data for each AQCR is presented in the next section.

The degree of network completion progress varies by pollutant. For TSP, over two-thirds of the AQCR's have greater than the required number of high-volume samplers. Nearly half of the SO_2 networks exceed the minimum requirements. Over 90 percent of the CO networks and nearly 82 percent of the oxidant networks exceed the requirements.

Table 3-1. NATIONWIDE SUMMARY OF STATE MONITORING STATIONS REPORTING TO NADB, OCTOBER 1973

Pollutant/method	1971[a]	1972[a]	1974 proposed	Legal requirement
TSP/hi-vol	1313	2683	3511	1352
SO_2/continuous	62	129	698	213
SO_2/bubbler	347	935	1431	666
O_x/continuous	50	113	458	209
CO/continuous	58	128	457	133
Total	1830	3988	6555	2573

[a] Represents the number of stations for which valid data exist for at least one quarter. Valid means the data were taken for at least 75 percent of the time interval and were well distributed over that time interval.

It should be noted, however, that many AQCR's are not required to have any CO or oxidant monitors. Further, the comparisons made here are based on minimum requirements rather than on the number of monitors needed for an adequate network size to meet all objectives of a monitoring program. Thus, the progress in CO and oxidant monitoring networks based on the above percentages is optimistic. (Under current regulations, only 29 and 54 AQCR's are required to have monitors in the field for CO and oxidants, respectively.)

3.1.3. Regional Monitoring Progress Summary

Table 3-4 presents for each AQCR (for interstate AQCR's, the State portions are presented) a status report of the progress being made towards achieving the minimum required network size. This analysis was based on stations that have reported to the NADB as of October 1973. Thus, monitors that have just been installed recently would not be included.

It must be emphasized that in many cases, especially for the automotive related pollutants (i.e., CO and oxidants) and in AQCR's where transportation control plans are required, the minimum required networks would not be considered adequate at this time for defining the pollutant levels and distribution. Regulations governing state monitoring requirements are currently being reevaluated by MDAD. These regulations will also cover areas not addressed previously, such as nondegradation and complex sources.

3.2. SUMMARY OF 1972 AIR QUALITY DATA

The 1972 air quality data available in NADB as of October 1973 have been analyzed, and summaries on the status with respect to air quality standards have been included in this section on both a national and an AQCR basis. Breakdowns are presented by Priority Classification where appropriate. Detailed data on individual stations are presented in the Appendix.

3.2.1. National Summary

Table 3-5 sorts the AQCR numbers by Priority Classification for each pollutant and presents the number of AQCR's in each classification that have at least one station exceeding one or more of the standards in 1972.

Under suspended particulate, for example, the table lists Priority I AQCR's according to whether they meet all particulate standards or have exceeded one or more of these standards. In addition, Priority II and III AQCR's are listed each according to their standing with respect to the particulate standards based on the available data. Columns are included showing AQCR's with fragmentary data or with no data on record with NADB as of mid-October 1973.

Table 3-2. STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

		TSP						SO_2						CO						Oxidants					
		No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.		
State	AQCR's within state[a]	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Reg'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.
Alabama	7	34	60	1	0	1	6	15	10	8	4	1	2	3	0	1	1	0	6	4	1	3	1	0	6
Alaska	4	11	17	1	1	0	3	7	7	0	4	0	0	1	1	0	0	0	4	0	0	0	0	0	4
Arizona	4	17	32	0	0	0	4	16	15	4	0	1	3	3	1	2	1	0	3	3	2	1	0	1	3
Arkansas	7	10	28	0	0	0	7	4	2	3	3	0	4	0	0	0	0	0	7	0	0	0	0	0	7
California	11	64	18	47	10	0	1	17	15	6	6	0	5	29	42	2	1	0	10	29	60	1	1	0	10
Colorado	8	28	68	0	0	0	8	8	3	7	7	0	1	3	1	2	1	0	7	3	2	1	0	1	7
Connecticut	4	16	25	0	0	0	4	14	4	10	2	1	1	4	0	4	2	0	2	4	0	4	2	0	2
Delaware	2	3	16	0	0	0	2	3	10	0	0	0	2	1	0	1	1	0	1	1	0	1	1	0	1
D. C.	1	4	2	2	0	1	0	4	4	0	0	0	1	1	2	0	0	0	1	1	1	0	0	0	1
Florida	6	32	39	6	2	9	4	24	36	2	2	9	4	0	3	0	0	0	6	4	2	2	1	1	4
Georgia	9	43	29	13	1	7	1	36	14	23	3	3	3	0	1	0	0	0	9	1	0	1	1	0	8
Hawaii	1	3	14	0	0	0	1	1	12	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1
Idaho	4	15	25	2	0	1	3	7	0	7	0	4	0	0	0	0	0	0	4	0	0	0	0	0	4
Illinois	11	54	54	26	8	2	1	52	38	26	7	0	4	10	0	10	2	0	9	10	1	9	2	0	9
Indiana	10	42	117	1	0	2	8	37	61	17	4	0	6	4	0	4	2	0	8	4	1	3	2	0	8

Min. - Minimum   Req'd - Required   Rept'g - Reporting   MR - Minimum required

[a]Includes intra- and interstate portions of AQCR's.

TABLE 3-2 (continued). STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

		TSP						SO$_2$						CO						Oxidants					
		No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.		
State	AQCR's within state[a]	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.
Iowa	12	32	26	9	3	1	8	13	2	11	10	0	2	0	0	0	0	0	2	2	0	2	1	0	11
Kansas	7	35	57	2	0	1	6	6	31	0	0	0	7	1	3	0	0	0	7	3	2	1	0	1	6
Kentucky	9	30	88	2	1	0	8	18	78	0	0	0	9	0	4	0	0	0	9	3	2	1	1	0	8
Louisiana	3	5	11	0	0	0	3	15	17	0	0	0	3	0	0	0	0	0	3	5	4	1	0	1	2
Maine	5	13	6	7	4	1	0	13	9	7	4	0	1	0	0	0	0	0	5	0	0	0	0	0	5
Maryland	6	31	85	0	0	0	6	29	50	0	0	0	6	6	1	5	2	0	4	6	0	6	2	0	4
Massachusetts	6	39	52	6	1	0	5	34	48	0	0	0	6	7	2	5	2	0	4	7	0	7	2	0	4
Michigan	6	29	108	0	0	0	6	27	42	1	0	1	5	0	0	0	0	0	6	0	0	0	0	0	6
Minnesota	7	25	57	2	1	1	5	23	18	6	3	2	2	4	2	2	0	1	6	0	1	0	0	0	7
Mississippi	4	11	1	9	3	0	1	9	2	7	3	0	1	0	0	0	0	0	4	2	0	2	1	0	3
Missouri	5	30	46	6	1	0	4	15	4	11	3	0	2	6	1	5	2	0	3	6	1	5	2	0	3
Montana	5	13	2	11	4	0	1	14	1	13	5	0	0	0	0	0	0	0	5	0	1	0	0	0	5
Nebraska	4	11	36	0	0	0	4	5	2	4	3	0	1	0	1	0	0	0	4	0	1	0	0	0	4
Nevada	3	13	41	0	0	0	3	8	3	5	2	1	0	2	0	2	1	0	2	2	1	2	1	0	2
New Hampshire	3	8	25	0	0	0	3	9	4	5	2	0	1	0	0	0	0	0	3	0	0	0	0	0	3

Min. - Minimum   Req'd - Required   Rept'g - Reporting   MR - Minimum required

[a] Includes intra- and interstate portions of AQCR's.

TABLE 3-2 (continued). STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

		TSP						SO$_2$						CO						Oxidants					
		No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.		
State	AQCR's within state[a]	Min. req'd	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.
New Jersey	4	19	78	0	0	0	4	20	28	2	0	1	3	8	20	2	0	1	3	7	3	4	1	1	2
New Mexico	8	16	26	2	2	0	6	9	5	5	4	1	3	1	1	1	1	0	7	3	1	2	1	1	6
New York	8	72	228	0	0	0	8	58	49	25	3	1	4	13	10	8	1	1	6	19	7	13	4	0	4
North Carolina	8	54	178	0	0	0	8	11	135	0	0	0	8	0	0	0	0	0	8	2	1	1	1	0	7
North Dakota	2	5	16	0	0	0	2	2	0	2	2	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Ohio	14	78	123	27	9	1	4	60	72	28	8	1	5	0	4	0	0	0	14	16	7	8	3	1	10
Oklahoma	8	24	90	0	0	0	8	6	25	0	0	0	8	0	2	0	0	0	8	4	2	2	0	2	6
Oregon	5	20	48	0	0	0	5	8	2	6	4	1	0	3	2	1	0	1	4	3	2	1	0	1	4
Pennsylvania	6	68	105	2	0	1	5	42	14	28	4	2	0	11	1	10	2	0	4	11	1	10	2	0	4
Puerto Rico	1	3	5	2	0	0	1	4	4	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1
Rhode Island	1	7	23	0	0	0	1	7	20	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	1
South Carolina	10	35	72	10	0	0	10	19	36	3	0	1	9	0	0	0	0	0	10	1	0	1	1	0	9

Min. - Minimum Req'd. - Required Rept'd. - Reporting MR - Minimum Required

[a] Includes intra- and interstate portions of AQCR's.

TABLE 3-2 (continued). STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY STATES, SEPTEMBER 24, 1973

State	AQCR's within state[a]	TSP						SO_2						CO						Oxidants					
		No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.			No. of stations			AQCR's rept'g.		
		Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	Req'd. not rept'g.	<½ M.R.	½ to M.R.	≥ M.R.
South Dakota	4	6	2	4	3	0	1	3	1	2	2	0	2	0	0	0	0	0	4	0	0	0	0	0	4
Tennessee	6	39	95	0	0	0	6	17	34	3	2	0	4	0	1	0	0	0	6	5	2	3	1	1	4
Texas	12	52	160	0	0	0	12	49	13	37	9	0	3	1	0	1	1	0	11	19	0	19	7	0	5
Utah	3	11	8	2	2	1	0	9	1	8	3	0	0	2	4	0	0	0	3	2	0	2	1	0	2
Vermont	2	4	2	2	1	0	1	5	0	5	2	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Virginia	7	47	116	3	0	1	6	16	44	4	1	0	6	2	3	1	0	1	6	7	3	4	2	0	5
Washington	6	31	54	0	0	0	6	14	12	2	2	0	4	7	8	0	0	0	6	5	4	1	1	0	5
West Virginia	10	24	36	4	3	1	6	12	14	8	6	0	4	0	1	0	0	0	10	0	0	0	0	0	10
Wisconsin	8	24	7	17	6	1	1	9	3	6	4	0	4	0	0	0	0	0	8	4	0	4	0	0	8
Wyoming	3	7	3	4	2	0	1	3	1	2	2	0	1	0	0	0	0	0	3	0	0	0	0	0	3
American Samoa	1	1	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Guam	1	1	3	0	0	0	1	4	2	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1
US Virgin Islands	1	3	4	0	0	0	1	4	2	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1

Min. - Minimum Req'd. - Required Rept'g. - Reporting MR - Minimum required

[a] Includes intra- and interstate portions of AQCR's.

Table 3-3. STATUS OF MONITORING ACTIVITY AS REPORTED TO NADB, BY REGIONS, SEPTEMBER 24, 1973

Region	No. of AQCR's within region	TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR's Rept'g			No. of stations		AQCR's Rept'g			No. of stations		AQCR's Rept'g			No. of stations		AQCR's Reptg		
		Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.	Minimum required	Reporting 1972	< ½ M.R.	½ to M.R.	≥ M.R.
I	21	87	133	6	1	14	82	85	10	1	10	11	4	4	0	17	11	0	4	0	17
II	14	97	315	0	0	14	86	63	3	3	8	21	30	1	1	12	26	10	5	1	8
III	32	177	360	3	4	25	106	136	11	2	19	21	8	5	1	26	26	5	7	0	25
IV	59	278	562	7	8	44	149	345	14	5	40	3	9	1	0	58	23	8	9	1	49
V	56	252	466	24	7	25	207	234	26	4	26	18	6	4	1	51	34	10	8	1	47
VI	38	107	315	2	0	36	83	62	16	1	21	2	3	2	0	36	31	7	8	4	26
VII	28	108	165	4	3	21	39	39	15	0	13	7	5	2	0	26	11	4	3	1	24
VIII	25	70	99	11	1	13	39	7	21	0	4	5	5	1	0	24	5	2	1	1	23
IX	21	99	108	11	0	10	47	47	9	3	9	34	44	3	0	18	34	64	1	1	19
X	19	77	144	1	1	17	36	14	14	1	4	11	11	0	1	18	8	6	1	1	17

[a] Includes intra- and interstate portions of AQCR's.

[b] M.R. -- minimum required.

Table 3-4. STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION I																					
Connecticut	041	3	3			*	1	0	*			0	0				0	0			
	042	10	13			*	10	2	*			3	0	*			3	0	*		
	043	2	6			*	2	1		*		1	0	*			1	0	*		
	044	1	3			*	1	1			*	0	0				0	0			
Subtotal	4	16	25			4	14	4	2	1	1	4	0	2	0	2	4	0	2	0	2
Maine	107	2	0	*			3	1	*			0	0				0	0			
	108	1	0	*			1	0	*			0	0				0	0			
	109	3	1	*			4	1	*			0	0				0	0			
	110	6	5		*		4	7			*	0	0				0	0			
	111	1	0	*			1	0	*			0	0				0	0			
Subtotal	5	13	6	4	1		13	9	4	0	1	0	0	0	0	5	0	0	0	0	5
Massachusetts	042	4	8			*	4	7			*	1	0	*			1	0	*		
	117	3	6			*	1	6			*	0	0				0	0			
	118	8	2	*			4	4			*	0	0				0	0			
	119	15	23			*	17	19			*	6	2	*			6	0	*		
	120	5	6			*	4	6			*	0	0				0	0			
	121	4	7			*	4	6			*	0	0				0	0			
Subtotal	6	39	52	1		5	34	48	0	0	6	7	2	2	0	4	7	0	2	0	4
New Hampshire	107	1	8			*	1	1			*	0	0				0	0			
	121	6	15			*	7	3	*			0	0				0	0			
	149	1	2			*	1	0	*			0	0				0	0			
Subtotal	3	8	25			3	9	4	2	0	1	0	0			3	0	0	0	0	3
Rhode Island	120	7	23			*	7	20	0	0	*	0	2			*	0	0			
Subtotal	1	7	23			1	7	20	0	0	1	0	2	0	0	1	0	0	0	0	1
Vermont	159	1	1			*	1	0	*			0	0				0	0			
	221	3	1	*			4	0	*			0	0				0	0			
Subtotal	2	4	2	1		1	5	0	2	0	0	0	0	0	0	2	0	0	0	0	2
Region total	21	87	133	6	1	14	82	85	10	1	10	11	4	4	0	17	11	0	4	0	17
REGION II																					
New Jersey	043	12	51			*	10	14			*	4	10			*	4	2		*	
	045	5	14			*	6	11			*	2	7			*	3	1	*		

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION II (continued)																					
New Jersey (continued)	150	1	9			*	4	2		*		2	2			*	0	0			
	151	1	4			*	0	1			*	0	1			*	0	0			
Subtotal	4	19	78			4	20	28	0	1	3	8	20			4	7	3	1	1	2
New York	043	27	45			*	23	13		*		10	3	*			10	4	*		
	158	11	39			*	4	5			*	3	2		*		3	1	*		
	159	3	9			*	4	0	*			0	0				0	0			
	160	3	20			*	4	10			*	0	1				3	1	*		
	161	11	38			*	4	7			*	0	2				0	1			
	162	11	48			*	11	14			*	0	2				3	0	*		
	163	3	10			*	4	0	*			0	0				0	0			
	164	3	19			*	4	0	*			0	0				0	0			
Subtotal	8	72	228			8	58	49	3	1	4	13	10	1	1	6	19	7	4	0	4
Puerto Rico	244	3	5			*	4	4			*	0	0				0	0			
Subtotal	1	3	5	0	0	1	4	4	0	0	1	0	0	0	0	1	0	0	0	0	1
Virgin Island	247	3	4			*	4	2		*		0	0				0	0			
Subtotal	1	3	4	0	0	1	4	2	0	1		0	0	0	0	0	0	0	0	0	1
Region total	14	97	315	0	0	14	86	83	3	3	8	21	30	1	1	11	26	10	5	1	8
REGION III																					
Delaware	045	2	14			*	2	9			*	1	0	*			1	0	*		
	046	1	2			*	1	1			*	0	0				0	0			
Subtotal	2	3	16			2	3	10			2	1	0	1	0	1	1	0	1	0	1
District of Columbia	047	4	2		*		4	4			*	1	2			*	1	1			*
Subtotal	1	4	2	0	1	0	4	4	0	0	1	1	2	0	0	1	1	1	0	0	1
Maryland	047	6	28			*	6	14			*	2	0	*			2	0	*		
	112	3	9			*	4	6			*	0	0				0	0			
	113	5	7			*	4	5			*	0	0				0	0			
	114	3	7			*	1	4			*	0	0				0	0			
	115	13	31			*	13	18			*	4	1	*			4	0	*		
	116	1	3			*	1	3			*	0	0				0	0			
Subtotal	6	31	85			6	29	50	0	0	6	6	1	2	0	4	6	0	2	0	4

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION III (continued)																					
Pennsylvania	045	14	22			*	15	4	*			6	1	*			6	1.	*		
	151	11	29			*	4	3		*		0	0				0	0			
	178	7	9			*	3	1	*			0	0				0	0			
	195	10	8		*		1	0	*			0	0				0	0			
	196	11	22			*	4	2		*		0	0				0	0			
	197	15	15			*	15	4	*			5	0	*			5	0	*		
Subtotal	6	68	105		1	5	42	14	4	2	0	11	1	2	0	4	11	1	2	0	4
Virginia	047	5	30			*	5	1	*			2	1		*		2	2			*
	207	3	11			*	3	8			*	0	0				0	0			
	222	7	24			*	1	8			*	0	0				0	0			
	223	10	20			*	4	14			*	0	1				3	1	*		
	224	6	3		*		1	1			*	0	0				0	0			
	225	8	10			*	1	3			*	0	0				2	0	*		
	226	8	18			*	1	4			*	0	1				0	0			
Subtotal	7	47	116		1	6	16	44	1	0	6	2	3	0	1	6	7	3	2	0	5
West Virginia	103	2	3			*	0	0					0	0				0	0		
	113	0	0			*	0	0				0	0				0	0			
	179	3	2		*		3	0	*			0	0				0	0			
	181	3	9			*	3	5			*	0	0				0	0			
	231	1	0	*			1	0	*			0	0				0	0			
	232	1	0	*			1	0	*			0	0				0	0			
	233	1	0	*			1	0	*			0	0				0	0			
	234	6	14			*	1	9			*	0	1				0	0			
	235	6	6			*	1	0	*			0	0				0	0			
	236	1	2			*	1	0	*			0	0				0	0			
Subtotal	10	24	36	3	1	6	12	14	6	0	4	0	1	0	0	10	0	0	0	0	10
Region total	32	177	360	3	4	25	106	136	11	2	19	21	8	5	1	26	26	5	7	0	25
REGION IV																					
Alabama	001	3	4			*	1	0	*			0	0				0	0			
	002	5	6			*	1	1			*	0	0				0	0			
	003	6	6			*	1	0	*			0	0				0	0			

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

State	AQCR No.	TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
		Min. req'd	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION IV (continued)																					
Alabama (continued)	004	8	20				4	7				3	0	*			3	0	*		
	005	2	8				2	2				0	0				1	1			*
	006	3	2				1	0				0	0				0	0			
	007	7	14				5	0				0	0				0	0			
Subtotal	7	34	60	0	1	6	15	10	4	1	2	3	0	1	0	6	4	1	1	0	6
Florida	005	5	0	*			6	10			*	0	0				2	0	*		
	048	3	4			*	1	0	*			0	0				0	0			
	049	9	12			*	4	13			*	0	2				2	2			*
	050	3	12			*	1	2			*	0	1				0	0			
	051	1	0	*			1	0	*			0	0				0	0			
	052	11	11			*	11	11			*	0	0				0	0			
Subtotal	6	32	39	2		4	24	36	2	0	4	0	3	0	0	6	4	2	1	0	4
Georgia	002	3	2		*		0	1			*	0	0				0	0			
	049	2	1		*		1	1			*	0	0				1	0	*		
	053	4	1	*			3	1	*			0	0				0	0			
	054	7	5		*		7	2	*			0	0				0	0			
	055	5	3		*		3	2		*		0	0				0	0			
	056	12	8		*		13	2	*			0	1				0	0			
	057	3	2		*		1	1			*	0	0				0	0			
	058	4	5			*	4	2		*		0	0				0	0			
	059	3	2		*		4	2		*		0	0				0	0			
Subtotal	9	43	29	1	7	1	36	14	3	3	3	0	1	0	0	9	1	0	1	0	8
Kentucky	072	5	17			*	3	17			*	0	1				0	0			
	077	2	14			*	1	13			*	0	1				0	0			
	078	8	20			*	8	21			*	0	2				2	2			
	079	2	14			*	1	9			*	0	0				1	0	*		
	101	3	4			*	1	2			*	0	0				0	0			
	102	3	4			*	1	4			*	0	0				0	0			
	103	3	11			*	1	9			*	0	0				0	0			
	104	3	1	*			1	1			*	0	0				0	0			
	105	1	3			*	1	2			*	0	0				0	0			
Subtotal	9	30	88	1		8	18	78	0	0	9	0	4			9	3	2	1	0	8
Mississippi	005	7	1				7	2				0	0				2	0			

M.R.- Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

State	AQCR No.	TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
		Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION IV (continued)																					
Mississippi (continued)	018	0	0			*	0	0				0	0				0	0			
	134	1	0	*			1	0	*			0	0				0	0			
	135	3	0	*			1	0	*			0	0				0	0			
Subtotal	4	11	1	3		1	9	2	3	0	1	0	0	0	0	4	2	0	1	0	3
North Carolina	136	10	28			*	1	23			*	0	0				0	1			*
	165	7	28			*	1	18			*	0	0				0	0			
	166	10	16			*	1	16			*	0	0				0	0			
	167	9	41			*	4	27			*	0	0				2	0	*		
	168	6	14			*	1	13			*	0	0				0	0			
	169	3	8			*	1	7			*	0	0				0	0			
	170	3	17			*	1	15			*	0	0				0	0			
	171	6	26			*	1	16			*	0	0				0	0			
Subtotal	8	54	178	0	0	8	11	135	0	0	8	0	0	0	0	8	2	1	1	0	7
South Carolina	053	3	5			*	1	4			*	0	0				0	0			
	058	2	3		*		2	2			*	0	0				0	0			
	167	5	7			*	4	4			*	0	0				1	0	*		
	198	3	4			*	1	2			*	0	0				0	0			
	199	6	13			*	6	3		*		0	0				0	0			
	200	3	12			*	1	7			*	0	0				0	0			
	201	1	3			*	1	1			*	0	0				0	0			
	202	8	15			*	1	9			*	0	0				0	0			
	203	1	2			*	1	2			*	0	0				0	0			
	204	3	8			*	1	2			*	0	0				0	0			
Subtotal	10	35	72		1	9	19	36	0	1	9	0	0			10	1	0	1	0	9
Tennessee	007	3	5			*	2	0	*			0	0				0	0			
	018	8	12			*	1	4			*	0	0				2	1		*	
	055	3	9			*	1	3			*	0	0				0	0			
	207	8	31			*	8	9			*	0	0				0	0			
	208	10	31			*	4	18			*	0	1				3	1	*		
	209	7	7			*	1	0	*			0	0				0	0			
Subtotal	6	39	95			6	17	34	2	0	4	0	1			6	5	2	1	1	4
Region total	59	278	562	7	8	44	149	345	14	5	39	3	9	1	0	58	22	8	8	2	50
REGION V																					
Illinois	065	7	1	*			6	1	*			0	0				0	0			

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	to M.R.	≥ M.R.
REGION V (continued)																					
Illinois (continued)	066	1	0	*			4	0	*			0	0				0	0			
	067	22	48			*	23	36			*	9	0	*			9	1	*		
	068	1	0	*			0	0			*	0	0				0	0			
	069	4	2		*		1	0	*			0	0				0	0			
	070	4	1	*			4	0	*			1	0	*			1	0	*		
	071	3	0	*			4	0	*			0	0				0	0			
	072	1	0	*			0	0			*	0	0				0	0			
	073	2	1		*		1	1			*	0	0				0	0			
	074	1	0	*			4	0	*			0	0				0	0			
	075	8	1	*			4	0	*			0	0				0	0			
Subtotal	11	54	54	8	2	1	52	38	7	0	4	10	0	2		9	10	1	2	0	9
Indiana	067	2	31			*	2	29			*	1	0	*			1	0	*		
	076	3	4			*	4	0	*			0	0				0	0			
	077	5	12			*	3	1	*			0	0				0	0			
	078	1	1		*		1	1			*	0	0				0	0			
	079	0	0			*	0	0				0	0				0	0			
	080	10	27			*	11	22			*	3	0	*			3	1	*		
	081	3	2		*		1	1			*	0	0				0	0			
	082	6	19			*	3	6			*	0	0				0	0			
	083	3	3			*	4	1	*			0	0				0	0			
	084	9	18			*	8	0	*			0	0				0	0			
Subtotal	10	42	117	0	2	8	37	61	4		6	4	0	2		8	4	1	2	0	8
Michigan	082	3	5			*	1	1			*	0	0				0	0			
	122	3	35			*	1	11			*	0	0				0	0			
	123	18	42			*	19	21			*	0	0				0	0			
	124	1	4			*	1	4			*	0	0				0	0			
	125	3	7			*	4	3		*		0	0				0	0			
	126	1	15			*	1	2			*	0	0				0	0			
Subtotal	6	29	108			6	27	42	0	1	5	0	0			6	0	0	0	0	6
Minnesota	127	1	7			*	1	2			*	0	0				0	0			
	128	2	10			*	3	2		*		0	0				0	0			
	129	5	3		*		3	1	*			0	0				0	0			
	130	1	4			*	1	1				0	0				0	0			

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

State	AQCR No.	TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
		Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION V (continued)																					
Minnesota (continued)	131	12	24			*	13	12		*		4	2				0	1			
	132	3	4			*	1	0	*			0	0				0	0			
	133	1	5			*	1	0	*			0	0				0	0			
Subtotal	7	25	57	0	1	6	23	18	3	2	2	4	2		1	6	0	1		0	7
Ohio	079	10	32			*	3	14			*	0	0				2	2			*
	103	3	2		*		0	0				0	0				0	0			
	124	7	12			*	7	4		*		0	1				2	0	*		
	173	10	22			*	4	13			*	0	0				3	0	*		
	174	16	49			*	17	37			*	0	3				6	5		*	
	175	3	1	*			4	1	*			0	0				0	0			
	176	10	2	*			1	1			*	0	0				3	0	*		
	177	3	0	*			7	0	*			0	0				0	0			
	178	4	1	*			4	1	*			0	0				0	0			
	179	3	1	*			3	0	*			0	0				0	0			
	180	1	0	*			1	0	*			0	0				0	0			
	181	4	1	*			4	1	*			0	0				0	0			
	182	1	0	*			1	0	*			0	0				0	0			
	183	3	0	*			4	0	*			0	0				0	0			
Subtotal	14	78	123	9	1	4	60	72	8	1	5	0	4			14	16	7	3	1	10
Wisconsin	068	1	0	*			0	0				0	0				0	0			
	073	1	0	*			0	0				0	0				0	0			
	128	1	1			*	1	0	*			0	0				0	0			
	129	2	1		*		1	0	*			0	0				0	0			
	237	3	1	*			1	1			*	0	0				0	0			
	238	1	0	*			1	0	*			0	0				0	0			
	239	12	3	*			4	1	*			0	0				4	0	*		
	240	3	1	*			1	1			*	0	0				0	0			
Subtotal	8	24	7	6	1	1	9	3	4	0	4	0	0			8	4	0	1	0	7
Region total	56	252	466	24	7	25	207	234	26	4	26	18	6	4	1	51	34	12	8	1	47
REGION VI																					
Arkansas	016	4	11			*	1	1			*	0	0				0	0			
	017	2	3			*	1	0	*			0	0				0	0			
	018	1	2			*	0	0				0	0				0	0			

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION VI (continued)																					
Arkansas (continued)	019	1	3			*	0	1				0	0				0	0			
	020	1	4			*	1	0	*			0	0				0	0			
	021	1	2			*	1	0	*			0	0				0	0			
	022	0	3			*	0	0				0	0				0	0			
Subtotal	7	10	28			7	4	2	3	0	4	0	0			7	0	0	0	0	7
Louisiana	019	2	3			*	1	1			*	0	0				0	0			
	022	1	3			*	0	2			*	0	0				0	0			
	106	2	5			*	14	14			*	0	0				5	4		*	
Subtotal	3	5	11			3	15	17	0	0	3	0	0			3	5	4	0	1	2
New Mexico	012	1	0	*			1	0	*			0	0				0	0			
	014	1	2			*	1	2			*	0	0				0	0			
	152	8	12			*	1	1			*	0	1				2	1		*	
	153	2	2			*	2	1		*		1	0	*			1	0	*		
	154	1	1			*	1	0	*			0	0				0	0			
	155	1	5			*	1	0	*			0	0				0	0			
	156	1	0	*			1	0	*			0	0				0	0			
	157	1	4			*	1	1			*	0	0				0	0			
Subtotal	8	16	26	2		6	9	5	4	1	3	1	1	1		7	3	1	1	1	6
Oklahoma	017	2	4			*	0	2			*	0	0				0	0			
	022	0	1			*	0	1			*	0	0				0	0			
	184	9	28			*	1	9			*	0	2				2	1		*	
	185	1	4			*	1	2			*	0	0				0	0			
	186	9	25			*	1	6			*	0	0				2	1		*	
	187	1	5			*	1	1			*	0	0				0	0			
	188	1	11			*	1	1			*	0	0				0	0			
	189	1	12			*	1	3			*	0	0				0	0			
Subtotal	8	24	90			8	6	25	0	0	8	0	2			8	4	2	0	2	6
Texas	022	2	2			*	1	0	*			0	0				0	0			
	106	1	3			*	3	1	*			0	0				1	0	*		
	153	5	16			*	5	1	*			1	0	*			1	0	*		
	210	3	3			*	4	0	*			0	0				0	0			
	211	3	21			*	8	2	*			0	0				0	0			

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

State	AQCR No.	TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
		Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION VI (continued)																					
Texas (continued)	212	3	10			*	1	1			*	0	0				3	0	*		
	213	6	13			*	1	0	*			0	0				0	0			
	214	7	12			*	7	1	*			0	0				2	0	*		
	215	3	35			*	1	2			*	0	0				5	0	*		
	216	13	31			*	13	3	*			0	0				4	0	*		
	217	3	9			*	1	1			*	0	0				3	0	*		
	218	3	5			*	4	1	*			0	0				0	0			
Subtotal	12	52	160			12	49	13	9	0	3	1	0	1		11	19	0	7	0	5
Region total	38	107	315	2	0	36	83	62	16	1	21	2	3	2		36	31	7	8	4	26
REGION VII																					
Iowa	065	1	2			*	2	0	*			0	0				0	0			
	068	3	1	*			1	1			*	0	0				0	0			
	069	4	3		*		1	0	*			0	0				0	0			
	085	1	1			*	1	0	*			0	0				0	0			
	086	1	1			*	1	0	*			0	0				0	0			
	087	1	0	*			1	0	*			0	0				0	0			
	088	7	8			*	1	0	*			0	0				0	0			
	089	3	3			*	1	0	*			0	0				0	0			
	090	1	1			*	1	0	*			0	0				0	0			
	091	1	1			*	1	0	*			0	0				0	0.			
	092	8	3	*			1	1			*	0	0				2	0	*		
	093	1	2			*	1	0	*			0	0				0	0			
Subtotal	12	32	26	3	1	8	13	2	10	0	2	0	0			12	2	0	1	0	11
Kansas	094	4	13			*	0	9			*	1	1			*	1	1			
	095	6	9			*	1	8			*	0	1				0	0			
	096	6	6			*	1	1			*	0	0				0	0			
	097	5	5			*	1	2			*	0	0				0	0			
	098	1	6			*	1	3			*	0	0				0	0			
	099	8	15			*	1	6			*	0	1				2	1			
	100	5	3		*		1	2			*	0	0				0	0			
Subtotal	7	35	57		1	6	6	31	0	0	7	1	3			7	3	2	0	1	6

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION VII (continued)																					
Missouri (continued)	070	10	12			*	11	2	*			4	1	*			4	1	*		
	094	7	19			*	1	0	*			2	0	*			2	0	*		
	137	3	5			*	1	0	*			0	0				0	0			
	138	1	7			*	1	1			*	0	0				0	0			
	139	9	3	*			1	1			*	0	0				0	0			
Subtotal	5	30	46	1		4	15	4	3	0	2	6	1	2		3	6	1	2	0	3
Nebraska	085	6	12			*	3	1	*			0	1				0	1			
	086	1	1			*	1	0				0	1				0	0			
	145	3	8			*	1	1			*	0	0				0	0			
	146	1	15			*	1	0	*			0	0				0	0			
Subtotal	4	11	36			4	7	2	2	0	2	0	1			4	0	1	0	0	4
Region total	28	108	165	4	3	21	39	39	15	0	13	7	5	2		26	11	4	3	1	24
REGION VIII																					
Colorado	014	1	6			*	1	0	*			0	0				0	0			
	034	1	2			*	1	0	*			0	0				0	0			
	035	1	8			*	1	0	*			0	0				0	0			
	036	11	23			*	1	3	*		*	3	1	*			3	2		*	
	037	5	11			*	1	0	*			0	0				0	0			
	038	7	8			*	1	0	*			0	0				0	0			
	039	1	6			*	1	0	*			0	0				0	0			
	040	1	4			*	1	0	*			0	0				0	0			
Subtotal	8	28	68			8	8	3	7	0	1	3	1	1		7	3	2	0	1	7
Montana	140	3	0	*			4	0	*			0	0				0	0			
	141	1	1			*	4	1	*			0	0				0	0			
	142	3	1	*			4	0	*			0	0				0	0			
	143	1	0	*			1	0	*			0	0				0	0			
	144	5	0	*			1	0	*			0	0				0	0			
Subtotal	5	13	2	4		1	14	1	5	0	0	0	0			5	0	0	0	0	5
North Dakota	130	2	3				1	0	*			0	0				0	0			
	172	3	13			*	1	0	*			0	0				0	0			
Subtotal	2	5	16			2	2	0	2	0	0	0	0			2	0	0	0	0	2

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION VIII (continued)																					
South Dakota	086	1	0	*			0	0				0	0				0	0			
	087	3	1	*			1	0	*			0	0				0	0			
	205	1	1			*	1	1			*	0	0				0	0			
	206	1	0	*			1	0	*			0	0				0	0			
Subtotal	4	6	2	3		1	3	1	3		2	0	0	0	0	4	0	0	0	0	4
Utah	014	1	0	*			1	0	*			0	0				0	0			
	219	1	0	*			1	0	*			0	0				0	0			
	220	9	8		*		7	1	*			2	4			*	2	0	*		
Subtotal	3	11	8	2	1		9	1	2	0	0	2	4	0	0	3	2	0	1	0	2
Wyoming	241	3	1	*			1	1			*	0	0				0	0			
	242	3	1	*			1	0	*			0	0				0	0			
	243	1	1			*	1	0	*			0	0				0	0			
Subtotal	3	7	3	2	0	1	3	1	2	0	1	0	0	0	0	3	0	0	0	0	3
Region total	25	70	99	11	1	13	39	6	21	0	4	5	5	1	0	24	5	2	1	1	23
REGION IX																					
Arizona	012	2	3			*	2	3			*	0	0				0	0			
	013	1	3			*	1	3			*	0	0				0	0			
	014	2	10			*	2	2		*		0	0				0	0			
	015	12	16			*	11	7		*		3	.	*			3	2		*	
Subtotal	4	17	32	0	0	4	16	15	0	1	3	3	1	1	0	3	3	2	0	1	3
California	023	1	0	*			1	0	*			0					0	0			*
	024	28	11	*			4	8			*	11	18			*	11	23			*
	025	3	0	*			1	0	*			0	1				2	4			*
	026	3	0	*			1	0	*			0	0				0	1			*
	027	1	0	*			1	0	*			0	0				0	0			*
	028	3	1	*			1	1			*	3	4			*	3	6	*		
	029	3	1	*			1	1			*	3	1	*			3	4			*
	030	3	4			*	4	4			*	8	11			*	8	13			*
	031	12	1	*			1	1			*	3	7			*	3	8			*

M.R.. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

		TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
State	AQCR No.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION IX (continued)																					
California (continued)	032	1	0	*			1	0	*			0	1				0	1			
	033	6	0	*			1	0	*			0	3			*	1	0	*		
Subtotal	11	64	18	10	0	1	17	15	6	0	5	29	42	1	0	10	29	60	0	0	9
Hawaii	060	3	14			*	1	12			*	0	1				0	1			
Subtotal	1	3	14	0	0	1	1	12			1	0	1	0	0	1	0	1	0	0	1
Nevada	013	5	17			*	3	0	*			2	0	*			2	0	*		
	147	3	9			*	4	3		*		0	0				0	0			
	148	5	15			*	1	0	*			0	0				0	1			*
Subtotal	3	13	41	0	0	3	8	3	2	1		2	0	1		2	2	1	1	0	2
American Samoa	245	1	0	*			1	0	*			0	0				0	0			
Subtotal	1	1	0	1			1	0	1			0	0			1	0	0	0	0	1
Guam	246	1	3			*	4	2		*		0	0				0	0			
Subtotal	1	1	3	0		1	4	2	0	1		0	0	0	0	1	0	0	0	0	1
Region total	21	100	108	11	0	10	47	47	9	3	9	34	44	3	0	18	34	64	1	1	16
REGION X																					
Alaska	008	5	9			*	1	0	*			0	0				0	0			
	009	4	5			*	1	0	*	0	0	1	1			*	0	0			
	010	1	0	*			1	0	*			0	0				0	0			
	011	1	3			*	4	0	*			0	0				0	0			
Subtotal	4	11	17	1		3	7	0	4	0	0	1	1	0	0	4	0	0	0	0	4
Idaho	061	5	8			*	4	0	*			0	0				0	0			
	062	2	8			*	1	0	*			0	0				0	0			
	063	5	3		*		1	0	*			0	0				0	0			
	064	3	6			*	1	0	*			0	0				0	0			
Subtotal	4	15	25		1	3	7	0	4	0	0	0	0	0	0	4	0	0	0	0	4

M.R. - Minimum Required

Table 3-4 (continued). STATUS OF MONITORING ACTIVITY FOR EPA REGIONS AS REPORTED TO NADB, SEPTEMBER 24, 1973

State	AQCR No.	TSP					SO_2					CO					Oxidants				
		No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status			No. of stations		AQCR status		
		Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.	Min. req'd.	Rept'g. 1972	<1/2 M.R.	1/2 to M.R.	≥ M.R.
REGION X (continued)																					
Oregon	190	3	4			*	1	0	*			0	0				0	0			
	191	3	3			*	1	0	*			0	0				0	0			
	192	1	1			*	1	0	*			0	0				0	0			
	193	10	34			*	4	2		*		3	2		*		3	2		*	
	194	3	6			*	1	0	*			0	0				0	0			
Subtotal	5	20	48			5	7	2	4	1		3	2		1	4	3	2	0	1	4
Washington	062	5	12			*	3	3			*	2	2			*	0	0			
	193	2	7			*	1	1			*	1	2			*	1	0	*		
	227	3	4			*	1	0	*			0	0				0	0			
	228	3	4			*	4	4			*	0	0				0	0			
	229	12	18			*	4	4			*	4	4			*	4	4			*
	230	6	9			*	1	0	*			0	0				0	0			
Subtotal	6	31	54			6	14	12	2	0	4	7	8			6	5	4	1	0	5
Region total	19	77	144	1	1	17	36	14	14	1	4	11	11	0	1	18	8	6	1	1	17

M.R. - Minimum Required

Table 3-5. AQCR STATUS WITH RESPECT TO STANDARDS, SUMMARIZED BY PRIORITY CLASSIFICATION, 1972

Status	Priority			
	I	II	III	Totals
Suspended particulates				
Total AQCR's in each priority class	120	70	57	247
No. of AQCR's not exceeding any standards	3	9	9	21
No. of AQCR's reporting sufficient quarterly or annual data	118	63	37	218
No. of AQCR's exceeding any secondary standard or guide	113	49	23	185
No. of AQCR's exceeding any primary standard	102	22	14	138
No. of AQCR's exceeding secondary 24-hr standard	110	41	20	171
No. of AQCR's exceeding primary 24-hr standard	77	10	12	99
No. of AQCR's reporting sufficient annual data	110	53	28	191
No. of AQCR's exceeding secondary annual guide	103	38	16	157
No. of AQCR's exceeding primary annual standard	93	20	9	122
No. of AQCR's reporting only sufficient quarterly data	8	10	9	27
No. of AQCR's reporting insufficient data to compare to NAAQS	2	7	20	29
Sulfur dioxide				
Total AQCR's in each priority class	60	41	146	247
No. of AQCR's not exceeding any standards	29	23	53	105
No. of AQCR's reporting sufficient quarterly or annual data	52	31	79	162
No. of AQCR's exceeding the secondary 3-hr standard	6	1	0	7
No. of AQCR's exceeding any primary standard	13	4	2	19
No. of AQCR's exceeding primary 24-hr standard	13	4	2	19
No. of AQCR's reporting sufficient annual data	41	27	55	123
No. of AQCR's exceeding primary annual standard	4	0	0	4
No. of AQCR's reporting only sufficient quarterly data	11	4	24	39
No. of AQCR's reporting insufficient data to compare to NAAQS	8	10	67	85
Carbon monoxide				
Total AQCR's in each priority class	30		217	247
No. of AQCR's reporting sufficient quarterly or annual data	22		26	48
No. of AQCR's exceeding any primary standard	21		21	42
Oxidants				
Total AQCR's in each priority class	55		192	247
No. of AQCR's reporting sufficient quarterly or annual data	31		7	38
No. of AQCR's exceeding any primary standard	25		3	28

Based on data available in NADB, 3 TSP Priority I or Ia AQCR's met all standards for 1972. More importantly, in 1972, 9 Priority III AQCR's exceeded the primary annual standard (7 others exceeded only the secondary guide) and 12 exceeded the primary 24-hour standard (8 others exceeded only the secondary standard). The fact that Priority I AQCR's have met or are meeting NAAQS is encouraging, but because of data limitations, it cannot be concluded that NAAQS are being met everywhere in the Regions. The fact that concentrations in excess of NAAQS are being measured in Priority III Regions, however, is a matter of important interest since SIP requirements were less stringent for these Priority III Regions and, thus, promulgated control stragegies might not necessarily be effective in achieving NAAQS.

In similar fashion, the AQCR's that are Priority I, II, or III for sulfur dioxide are sorted according to their standing with respect to the standards for that pollutant.

Priority I or III AQCR's for carbon monoxide are listed according to their standing with respect to the 1-hour and 8-hour standards.

Priority I or III AQCR's for total oxidants meeting or exceeding the 1-hour standard are also presented.

An analysis of monitoring stations with valid data, by pollutant, showing the number whose measurements exceed primary and secondary standards, is presented in Table 3-6. It should be noted that this table reflects only those valid data available from NADB during 1972. Previous discussions pertaining to the inclusion of State and local data in NADB are applicable. Accordingly, because the table does not include all operating stations, it should not be construed as representing the total number of monitoring sites for which measurements exceed air quality standards.

3.2.2. AQCR Summary

Table 3-7 presents a summary of the number of stations in each AQCR for which measurements are available through NADB and which exceed NAAQS. Under the annual standard headings (ANNUAL) the number of stations (#STA) includes only those reporting data that meet the validity criteria for computing representative annual statistics. Short-term standards (24-hour, 1-hour, etc.) are appraised at these stations plus any additional stations reporting at least one quarter of valid data. Therefore, the figure for "#STA" under short-term standards may be greater than in the corresponding column under annual standards.

Stations with less than a complete year of data have been included in the appraisal of short-term standards because the data, even though fragmentary, could include values exceeding a short-term standard and should not be disregarded. If, however, data from such stations do not indicate violations of a short-term standard, this is not conclusive evidence that the standard has been met. (The identity of individual stations that exceeded the standard and an indication of whether they reported a year's valid data are presented in the Appendix.)

In Table 3-7, the columns under SULFUR DIOXIDE parallel those for suspended particulates, with the addition of a column for the number of stations at which the 3-hour standard was exceeded. This column can apply only to instrument methods producing 1-hour data from which the running 3-hour averages can be calculated. All instrument methods, continuous and integrating (24-hour), are combined under the "#STA" columns, implying a comparability among the SO_2 measurement methods that has not yet been rigorously substantiated. The Appendix, which summarizes the status at each individual station, separates the stations by instrument method.

Figures 3-1 through 3-4 portray the status of the Nation's 247 Air Quality Control Regions with respect to standards for measurements of suspended particulate matter, sulfur dioxide, carbon monoxide, and oxidants taken during 1972. The clear or unshaded areas are the AQCR's or groups of AQCR's where all the reported data are below the primary standards. It does not necessarily follow that all of these areas can be considered to have met the standards, because the data available at the time are not necessarily representative or comprehensive, amounting in a few instances to as little as one quarter's measurements at one

Table 3-6. STANDARDS STATUS OF MONITORING STATIONS BY POLLUTANT, 1972

	Number of stations, 1972
Suspended particulates	
Total stations with year's valid data[a]	1589
Exceeding annual secondary standard[b]	871
Exceeding annual primary standard	516
Total stations with 1 or more valid quarters	2683
Exceeding 24-hr secondary standard	1100
Exceeding 24-hr primary standard	261
Sulfur dioxide	
Total stations with year's valid data[a]	500
Exceeding annual primary standard	9
Total stations with 1 or more quarter's valid data	1064
Exceeding 24-hr primary standard	24
Exceeding 3-hr secondary standard	10
Carbon monoxide	
Total stations with 1 or more quarter's valid data[a]	128
Exceeding 1-hr standard	13
Exceeding 8-hr standard	95
Total oxidants or ozone	
Total stations with 1 or more quarter's valid data[a]	111
Exceeding 1-hr standard	93

[a] Sufficient data available from which statistics can be calculated.

[b] This is considered to be an air quality guide rather than a standard.

Table 3-7. SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	ANNUAL #> SEC 60 -	ANNUAL #> PRI 75 -	SUSPENDED PARTICULATES 24-HOUR #STA (2)	24-HOUR #> SEC 150 -	24-HOUR #> PRI 260 -	SULFUR DIOXIDE PRIORITY	SULFUR DIOXIDE #STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	CARBON MONOXIDE #STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PR'TY	OXIDANTS #STA (2)	1-HR #> STD 160 .08
001 ALABAMA AND TOMBIGBEE RIVERS(ALA)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		3	0	0	4	0	0		0	0	0	0	0		0	0	0		0	0
002 COLUMBUS-PHENIX CITY (ALA-GA)	69	1	3	1	1	3	0	0	3	1	0	2	0	0	3	0	0	0	3	0	0
	70		3	1	1	3	1	0		2	0	2	0	0		0	0	0		0	0
	71		2	1	0	2	0	0		2	0	2	0	0		0	0	0		0	0
	72		5	2	1	8	1	0		2	0	2	0	0		0	0	0		0	0
003 EAST ALABAMA	69	1	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		5	3	3	6	4	1		0	0	0	0	0		0	0	0		0	0
004 METROPOLITAN BIRMINGHAM (ALA)	69	1	0	0	0	1	1	1	2	0	0	1	0	0	1	0	0	0	1	0	0
	70		0	0	0	7	6	3		0	0	1	0	0		0	0	0		0	0
	71		6	5	5	8	7	6		1	0	1	0	0		0	0	0		0	0
	72		9	7	5	20	14	8		1	0	7	0	0		0	0	0		0	0
005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MIS	69	1	2	2	2	5	3	0	1	1	0	1	0	0	3	0	0	0	1	0	0
	70		0	0	0	3	1	0		0	0	3	0	0		0	0	0		0	0
	71		0	0	0	10	3	1		0	0	3	0	0		0	0	0		0	0
	72		5	3	3	9	4	1		7	0	14	1	1		0	0	0		1	1
006 SOUTHEAST ALABAMA	69	2	.0	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	0	2	1	0		0	0	0	0	0		0	0	0		0	0
007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN)	69	1	2	0	0	2	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	1	0	2	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	5	0	0		0	0	0	0	0		0	0	0		0	0
	72		12	5	3	19	6	2		0	0	0	0	0		0	0	0		0	0
008 COOK INLET (ALSK)	69	1	1	1	1	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	72		4	3	1	9	6	4		0	0	0	0	0		0	0	0		0	0
009 NORTHERN ALASKA	69	1	1	1	1	1	1	1	3	1	0	1	0	0	1	0	0	0	3	0	0
	70		0	0	0	1	1	1		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	1	5	2	1		0	0	0	0	0		1	1	1		0	0
010 SOUTH CENTRAL ALASKA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0

Reproduced from best available copy.

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION		SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR					ANNUAL	24-HOUR		3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC 60	#> PRI 75	#STA (2)	#> SEC 150	#> PRI 260	PRIORITY	#STA (1)	#> PRI 80	#STA (2)	#> PRI 365	#> STD 1300	PRI'TY	#STA (2)	#> STD 40*	#> STD 10*	PRI'TY	#STA (2)	#> STD 160
UG/CU.M:																					
P.P.M:				–	–		–	–			.03		.14	.50			35	9			.08
011 SOUTHEASTERN ALASKA	69	3	0	0	0	0	0	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	3	3	1		0	0	0	0	0		0	0	0		0	0
012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N. MEX	69	1A	0	0	0	0	0	0	1A	0	0	1	0	1	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		1	0	2	2	2		0	0	0		0	0
	71		2	1	1	3	2	1		0	0	1	1	1		0	0	0		0	0
	72		0	0	0	3	3	2		0	0	3	2	3		0	0	0		0	0
013 CLARK-MOHAVE (ARIZ-NEV)	69	1	2	2	2	2	2	0	1A	0	0	0	0	0	1	0	0	0	1	0	0
	70		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	71		2	1	1	3	3	1		0	0	1	0	0		0	0	0		0	0
	72		17	11	8	20	17	5		1	0	3	0	0		0	0	0		0	0
014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH)	69	1A	3	1	1	3	1	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		3	1	0	4	1	0		0	0	1	0	0		0	0	0		0	0
	71		5	1	0	21	9	3		0	0	0	0	0		0	0	0		0	0
	72		4	0	0	19	6	2		0	0	4	0	0		0	0	0		0	0
015 PHOENIX-TUCSON (ARIZ)	69	1	4	3	3	4	2	0	1	2	0	5	2	3	1	1	1	1	1	1	1
	70		2	1	1	3	2	0		1	0	4	2	2		0	0	0		0	0
	71		5	5	5	10	9	5		1	0	5	2	3		0	0	0		0	0
	72		9	8	7	15	13	8		2	1	7	2	2		1	1	1		2	1
016 CENTRAL ARKANSAS	69	2	2	2	2	2	1	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		3	2	1	11	3	0		0	0	1	0	0		0	0	0		0	0
017 METROPOLITAN FORT SMITH (ARK-OKLA)	69	2	2	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	2	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	4	2	1		1	0	1	0	0		0	0	0		0	0
	72		1	0	0	8	1	0		1	0	2	0	0		0	0	0		0	0
018 METROPOLITAN MEMPHIS (ARK-MISS-TENN)	69	1	3	3	1	7	4	0	3	1	0	1	0	0	3	0	0	0	1	0	0
	70		2	2	2	2	1	0		1	0	1	0	0		0	0	0		0	0
	71		2	1	1	2	1	0		1	0	1	0	0		0	0	0		0	0
	72		11	8	4	15	5	0		1	0	4	0	0		0	0	0		1	1
019 MONROE-EL DORADO (ARK-LA)	69	2	2	1	1	2	1	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		4	3	2	6	2	0		1	0	2	0	0		0	0	0		0	0
020 NORTHEAST ARKANSAS	69	3	1	1	1	2	2	1	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	2	1	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	1	2	1	0		1	0	1	0	0		0	0	0		0	0
	72		2	2	2	5	1	0		1	0	1	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	ANNUAL #> SEC 60 -	ANNUAL #> PRI 75 -	24-HOUR #STA (2)	24-HOUR #> SEC 150 -	24-HOUR #> PRI 260 -	SULFUR DIOXIDE PRIORITY	SULFUR DIOXIDE ANNUAL #STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	CARBON MONOXIDE #STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PR'TY	OXIDANTS #STA (2)	1-HR #> STD 160 .08
021 NORTHWEST ARKANSAS	69	3	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	2	0	0		0	0	0	0	0		0	0	0		0	0
022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX)	69	2	4	3	0	6	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		3	3	1	7	5	1		0	0	1	0	0		0	0	0		0	0
	71		2	1	1	6	2	1		1	0	1	0	0		0	0	0		0	0
	72		5	4	0	9	3	0		3	0	3	0	0		0	0	0		0	0
023 GREAT BASIN VALLEY (CALIF)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
024 METROPOLITAN LOS ANGELES (CALIF)	69	1	15	15	13	16	15	2	2	6	0	7	0	0	1	7	5	7	1	5	5
	70		11	11	11	11	10	4		13	0	17	0	0		8	4	7		11	11
	71		9	9	9	11	9	1		10	0	17	0	0		8	2	8		13	13
	72		10	10	9	11	9	2		16	0	20	0	0		14	2	15		23	22
025 NORTH CENTRAL COAST (CALIF)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	2	0	0	1	4	3
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		2	1
	71		1	0	0	1	0	0		0	0	0	0	0		0	0	0		2	2
	72		0	0	0	1	0	0		0	0	0	0	0		1	0	0		4	4
026 NORTH COAST (CALIF)	69	2	1	0	0	1	0	0	3	0	0	1	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		1	0
027 NORTHEAST PLATEAU (CALIF)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
028 SACRAMENTO VALLEY (CALIF)	69	2	1	0	0	1	0	0	3	0	0	1	0	0	1	1	1	1	1	2	2
	70		1	0	0	1	0	0		0	0	1	0	0		2	0	2		3	3
	71		1	0	0	1	0	0		0	0	1	0	0		2	1	2		3	3
	72		1	1	0	1	0	0		0	0	1	0	0		4	0	2		6	6
029 SAN DIEGO (CALIF)	69	2	2	2	0	2	1	0	3	1	0	1	0	0	1	0	0	0	1	0	0
	70		2	2	1	2	2	0		1	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		1	0	2	0	0		1	0	1		4	4
030 SAN FRANCISCO BAY AREA (CALIF)	69	2	4	3	2	5	0	0	2	3	0	4	0	0	1	11	0	8	1	16	16
	70		2	1	0	5	0	0		2	0	5	0	0		9	0	5		11	11
	71		3	1	1	4	1	0		2	0	4	0	0		9	0	6		10	9
	72		3	0	0	4	1	0		4	0	5	0	0		11	0	4		13	11

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR				ANNUAL		24-HOUR		3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC 60 -	#> PRI 75 -	#STA (2)	#> SEC 150 -	#> PRI 260 -	PRIORITY	#STA (1)	#> PRI 80 .03	#STA (2)	#> PRI 365 .14	#> STD 1300 .50	PR'TY	#STA (2)	#> STD 40* 35	#> STD 10* 9	PR'TY	#STA (2)	#> STD 160 .08
031 SAN JOAQUIN VALLEY (CALIF)	69	1	1	1	1	1	1	0	3	0	0	1	0	0	1	5	0	5	1	4	4
	70		1	1	1	1	1	0		0	0	1	0	0		4	0	1		4	4
	71		0	0	0	1	0	0		0	0	1	0	0		3	0	3		3	3
	72		1	1	1	1	1	0		0	0	1	0	0		7	0	4		8	8
032 SOUTH CENTRAL COAST (CALIF)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		1	0	1		1	1
033 SOUTHEAST DESERT (CALIF)	69	1	1	1	1	1	1	0	3	1	0	2	0	0	1	2	0	2	1	3	3
	70		0	0	0	0	0	0		0	0	1	0	0		2	0	2		1	1
	71		0	0	0	0	1	0		0	0	1	0	0		2	0	2		2	2
	72		0	0	0	0	0	0		1	0	2	0	0		3	0	3		3	3
034 COMANCHE (COLO)	69	3	2	1	0	2	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	0	0	2	2	0		0	0	0	0	0		0	0	0		0	0
	71		2	0	0	2	1	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	0	2	2	0		0	0	0	0	0		0	0	0		0	0
035 GRAND MESA (COLO)	69	3	4	4	3	11	7	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		7	5	3	7	6	1		0	0	0	0	0		0	0	0		0	0
	71		6	4	3	8	7	3		0	0	0	0	0		0	0	0		0	0
	72		7	5	3	8	7	1		0	0	0	0	0		0	0	0		0	0
036 METROPOLITAN DENVER (COLO)	69	1	20	19	15	20	19	9	3	2	0	4	0	0	1	1	1	1	1	0	0
	70		17	17	13	19	17	5		1	0	3	0	0		1	1	1		1	1
	71		23	21	13	24	19	8		0	0	2	0	0		1	1	1		1	1
	72		20	18	11	23	20	8		1	0	4	0	0		1	1	1		2	2
037 PAWNEE (COLO)	69	1	7	6	5	9	7	3	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		9	8	6	10	9	2		0	0	0	0	0		0	0	0		0	0
	71		10	9	9	11	10	4		0	0	0	0	0		0	0	0		0	0
	72		7	6	4	11	11	4		0	0	0	0	0		0	0	0		0	0
038 SAN ISABEL (COLO)	69	1	5	4	4	5	5	2	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		7	6	5	7	7	3		0	0	0	0	0		0	0	0		0	0
	71		8	7	4	8	6	4		0	0	0	0	0		0	0	0		0	0
	72		8	6	5	9	8	1		0	0	0	0	0		0	0	0		0	0
039 SAN LUIS (COLO)	69	3	1	1	1	1	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	2	1	3	2	0		0	0	0	0	0		0	0	0		0	0
	71		3	2	1	6	2	0		0	0	0	0	0		0	0	0		0	0
	72		5	0	0	5	2	0		0	0	0	0	0		0	0	0		0	0
040 YAMPA (COLO)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		4	3	1	4	3	1		0	0	0	0	0		0	0	0		0	0
	72		4	3	1	5	3	1		0	0	1	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M P.P.M	SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR					ANNUAL	24-HOUR		3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC 60	#> PRI 75	#STA (2)	#> SEC 150	#> PRI 260	PRIORITY	#STA (1)	#> PRI 80 .03	#STA (2)	#> PRI 365 .14	#> STD 1300 .50	PR'TY	#STA (2)	#> STD 40* 35	#> STD 10* 9	PR'TY	#STA (2)	#> STD 160 .08
041 EASTERN CONNECTICUT	69	2	1	1	0	3	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		3	1	0	3	0	0		0	0	0	0	0		0	0	0		0	0
042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS)	69	1	7	6	4	21	10	0	1	4	1	8	2	2	1	0	0	0	1	0	0
	70		4	4	3	6	5	0		4	0	5	0	0		0	0	0		0	0
	71		6	6	3	10	5	1		5	0	13	0	0		0	0	0		0	0
	72		16	7	2	21	9	0		7	0	9	0	0		0	0	0		0	0
043 NEW JERSEY-NEW YORK-CONNECTICUT	69	1	36	26	14	45	17	5	1	6	3	9	4	1	1	4	0	4	1	2	2
	70		42	31	22	50	32	3		7	3	16	4	1		7	0	6		2	2
	71		63	47	27	80	41	6		11	2	20	3	0		6	0	6		5	5
	72		68	29	12	102	21	2		13	1	26	1	0		13	2	12		6	6
044 NORTHWESTERN CONNECTICUT	69	3	1	1	1	3	0	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	72		3	2	0	3	1	0		1	0	1	0	0		0	0	0		0	0
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)	69	1	11	10	5	21	8	3	1	7	2	15	2	3	1	2	0	2	1	1	1
	70		8	7	4	10	6	1		9	3	14	2	1		6	2	6		1	1
	71		17	14	5	26	10	3		9	0	18	3	0		6	1	5		2	2
	72		32	15	7	50	14	2		16	1	24	1	0		8	1	7		2	2
046 SOUTHERN DELAWARE	69	3	0	0	0	1	0	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	2	0	0		1	0	1	0	0		0	0	0		0	0
	72		0	0	0	2	0	0		1	0	1	0	0		0	0	0		0	0
047 NATIONAL CAPITAL (D.C.-MD-VA)	69	1	1	1	0	27	7	1	1	2	0	3	0	0	1	1	0	1	1	0	0
	70		13	8	2	28	10	2		1	0	3	0	0		1	1	1		1	1
	71		11	4	1	47	10	0		1	0	13	0	1		2	1	2		3	3
	72		43	9	2	60	10	3		15	0	19	0	0		3	2	2		4	4
048 CENTRAL FLORIDA	69	2	0	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	4	0	0		0	0	0	0	0		0	0	0		0	0
049 JACKSONVILLE-BRUNSWICK (FLA-GA)	69	1	10	5	4	12	4	3	2	10	0	10	0	0	3	0	0	0	1	0	0
	70		11	5	3	11	5	3		9	0	10	0	0		0	0	0		0	0
	71		10	4	4	10	7	3		3	0	12	1	1		0	0	0		0	0
	72		2	1	0	13	3	1		1	0	14	3	1		2	1	2		2	0
050 SOUTHEAST FLORIDA	69	2	3	3	0	3	0	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	72		1	1	0	12	0	0		0	0	2	0	0		1	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	ANNUAL #STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PR'TY	#STA (2)	1-HR #> STD 160 .08
051 SOUTHWEST FLORIDA	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		1	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
052 WEST CENTRAL FLORIDA	69	1	7	2	0	8	0	0	1	2	0	2	0	0	3	1	0	0	3	0	0
	70		3	1	1	3	0	0		2	0	3	0	0		0	0	0		0	0
	71		3	0	0	6	0	0		6	0	7	0	0		0	0	0		0	0
	72		3	1	1	11	1	1		7	0	11	0	0		0	0	0		0	0
053 AUGUSTA-AIKEN (GA-S.C.)	69	1	1	1	1	1	1	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	1	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	0	0		0	0	0	0	0		0	0	0		0	0
	72		2	0	0	6	0	0		1	0	5	0	0		0	0	0		1	0
054 CENTRAL GEORGIA	69	1	2	1	1	2	1	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	2	1	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	5	1	0		0	0	2	0	0		0	0	0		0	0
055 CHATTANOOGA (GA-TENN)	69	1	2	2	2	7	5	3	2	1	0	1	0	0	3	0	0	0	3	0	0
	70		2	2	2	5	4	3		1	0	1	0	0		0	0	0		0	0
	71		3	2	2	9	5	2		1	0	1	0	0		0	0	0		0	0
	72		7	5	4	12	7	2		1	0	5	0	0		0	0	0		0	0
056 METROPOLITAN ATLANTA (GA)	69	1	1	1	1	1	0	0	1	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	0	0		1	0	1	0	0		0	0	0		0	1
	71		1	1	1	1	0	1		1	0	1	0	0		0	0	0		0	5
	72		1	1	1	8	0	0		1	0	1	0	0		1	0	1		0	0
057 NORTHEAST GEORGIA	69	2	0	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	2	0	0		0	0	1	0	0		0	0	0		0	0
058 SAVANNAH-BEAUFORT (GA-S.C.)	69	1	2	2	2	2	2	2	1	1	0	1	0	0	3	0	0	0	3	0	0
	70		2	2	1	2	0	0		1	0	1	0	0		0	0	0		0	0
	71		2	1	0	4	0	0		1	0	1	0	0		0	0	0		0	0
	72		4	1	0	8	1	0		1	0	4	0	0		0	0	0		0	0
059 SOUTHWEST GEORGIA	69	2	1	1	1	2	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	2	0	0		0	0	2	0	0		0	0	0		0	0
060 HAWAII	69	2	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	2	0	0		0	0	2	0	0		0	0	0		0	0
	71		2	0	0	4	0	0		0	0	3	0	0		0	0	0		0	0
	72		11	2	0	14	2	1		6	0	12	0	0		1	0	1		1	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PR'TY	#STA (2)	1-HR #> STD 160 .08
061 EASTERN IDAHO	69	1	1	0	0	1	2	1	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		3	1	1	11	8	1		0	0	0	0	0		0	0	0		0	0
	72		3	1	1	10	7	3		0	0	0	0	0		0	0	0		0	0
062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHING	69	1	1	1	0	1	1	0	1A	0	0	0	0	0	1	0	0	0	3	0	0
	70		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	71		7	7	5	23	19	4		0	0	2	0	0		0	0	0		0	0
	72		13	10	7	20	16	5		2	0	2	0	0		2	0	2		0	0
063 IDAHO (REMAINDER)	69	1	1	1	1	1	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	2	2	1		0	0	0	0	0		0	0	0		0	0
	72		2	1	1	3	3	1		0	0	0	0	0		0	0	0		0	0
064 METROPOLITAN BOISE (IDAHO)	69	2	3	3	3	4	4	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		4	4	1	5	4	1		0	0	0	0	0		0	0	0		0	0
	72		6	4	1	7	4	1		0	0	0	0	0		0	0	0		0	0
065 BURLINGTON-KEOKUK (ILL-IOWA)	69	1	1	1	1	6	5	1	1	0	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	1	1		0	0	1	0	0		0	0	0		0	0
	71		1	1	1	2	2	1		0	0	1	0	0		0	0	0		0	0
	72		3	3	2	3	1	1		1	0	1	0	0		0	0	0		0	0
066 EAST CENTRAL ILLINOIS	69	3	0	0	0	1	1	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
067 METROPOLITAN CHICAGO (ILL-IND)	69	1	49	49	41	93	85	41	1	37	19	41	13	7	1	1	0	1	1	0	0
	70		28	29	28	44	44	20		24	9	32	6	0		1	0	1		1	1
	71		27	27	24	41	40	11		30	2	44	3	6		5	3	5		1	1
	72		50	34	26	79	60	24		36	0	65	1	1		0	0	0		1	1
068 METROPOLITAN DUBUQUE (ILL-IOWA-WISC)	69	1	3	3	2	3	2	2	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	1	1		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	0	1	1	0		1	0	1	0	0		0	0	0		0	0
069 METROPOLITAN QUAD CITIES (ILL-IOWA)	69	1	1	1	1	4	3	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		4	4	2	9	3	2		0	0	0	0	0		0	0	0		0	0
	71		3	2	2	4	3	2		0	0	0	0	0		0	0	0		0	0
	72		4	3	3	5	3	1		0	0	0	0	0		0	0	0		0	0
070 METROPOLITAN ST. LOUIS (ILL-MO)	69	1	7	7	7	25	23	10	1	2	0	4	0	0	1	1	0	1	1	0	0
	70		9	8	6	15	12	6		1	0	3	0	0		1	0	1		1	0
	71		2	2	2	12	6	1		3	0	3	0	0		1	0	1		1	1
	72		11	9	5	13	8	2		1	0	2	0	0		1	0	1		1	1

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60 -	ANNUAL #> PRI 75 -	24-HOUR #STA (2)	24-HOUR #> SEC 150 -	24-HOUR #> PRI 260 -	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PR'TY	#STA (2)	1-HR #> STD 160 .08
071 NORTH CENTRAL ILLINOIS	69	2	0	0	0	3	2	1	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
072 PADUCAH-CAIRO (ILL-KY)	69	1	0	0	0	12	9	1	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	10	4	0		0	0	0	0	0		0	0	0		0	0
	71		5	4	2	7	7	0		2	0	6	0	1		1	0	1		0	0
	72		9	5	2	17	4	0		10	0	16	0	0		1	0	1		0	0
073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC)	69	2	2	2	2	5	2	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		0	0	0	4	3	0		0	0	1	0	0		0	0	0		0	0
	71		3	2	1	4	2	1		0	0	1	0	0		0	0	0		0	0
	72		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
074 SOUTHEAST ILLINOIS	69	3	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
075 WEST CENTRAL ILLINOIS	69	1	1	1	1	3	1	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	1	2	0	0		0	0	1	0	0		0	0	0		0	
076 EAST CENTRAL INDIANA	69	2	0	0	0	2	1	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	4	1	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	4	1	0		0	0	0	0	0		0	0	0		0	0
077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY)	69	1	4	4	4	4	4	2	2	15	0	15	0	4	3	0	0	0	3	0	0
	70		2	1	1	6	2	0		1	0	1	0	0		0	0	0		0	0
	71		9	8	5	12	7	2		3	0	10	0	0		1	0	1		0	0
	72		13	10	7	26	7	0		11	0	13	1	0		1	0	1		0	0
078 LOUISVILLE (IND-KY)	69	1	4	4	4	4	3	0	1	2	0	2	0	0	3	0	0	0	1	0	0
	70		1	1	1	4	3	1		1	0	2	0	0		0	0	0		0	0
	71		12	11	10	16	11	0		1	0	6	0	0		2	0	2		1	1
	72		10	9	7	21	10	1		2	0	22	0	1		2	0	1		2	1
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)	69	1	5	5	4	7	5	1	2	3	0	5	0	0	3	2	0	2	1	0	0
	70		10	10	8	16	8	3		2	0	3	0	0		1	0	1		0	0
	71		19	16	12	38	15	3		3	0	8	0	0		1	0	1		1	1
	72		43	38	23	46	19	2		7	0	23	0	0		0	0	0		2	2
080 METROPOLITAN INDIANAPOLIS (IND)	69	1	12	12	9	18	16	5	1	1	0	1	0	0	1	0	0	0	1	0	0
	70		2	1	1	2	1	0		1	0	1	0	0		0	0	0		0	0
	71		16	14	9	16	12	1		1	0	1	0	0		0	0	0		0	0
	72		0	0	0	27	12	1		1	0	22	1	1		0	0	0		1	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: / P.P.M:	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	SUSPENDED PARTICULATES ANNUAL #> SEC 60	SUSPENDED PARTICULATES ANNUAL #> PRI 75	SUSPENDED PARTICULATES 24-HOUR #STA (2)	SUSPENDED PARTICULATES 24-HOUR #> SEC 150	SUSPENDED PARTICULATES 24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	SULFUR DIOXIDE #STA (1)	SULFUR DIOXIDE ANNUAL #> PRI 80 .03	SULFUR DIOXIDE 24-HOUR #STA (2)	SULFUR DIOXIDE 24-HOUR #> PRI 365 .14	SULFUR DIOXIDE 3-HR #> STD 1300 .50	CARBON MONOXIDE PRITY	CARBON MONOXIDE #STA (2)	CARBON MONOXIDE 1-HR #> STD 40 35	CARBON MONOXIDE 8-HR #> STD 10 9	OXIDANTS PRITY	OXIDANTS #STA (2)	OXIDANTS 1-HR #> STD 160 .08
081 NORTHEAST INDIANA	69	2	2	2	2	2	2	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	1	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	2	0	0		0	0	1	0	0		0	0	0		0	0
	72		1	1	1	2	0	0		1	0	1	0	0		0	0	0		0	0
082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH)	69	1	2	2	0	2	1	0	IA	0	0	1	0	0	3	0	0	0	3	0	0
	70		3	2	2	5	2	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	0	18	1	0		0	0	0	0	0		0	0	0		0	0
	72		5	1	0	24	6	0		2	0	7	0	0		0	0	0		0	0
083 SOUTHERN INDIANA	69	IA	1	0	0	1	0	0	IA	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	0	0	2	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	72		1	0	0	3	0	0		0	0	1	0	0		0	0	0		0	0
084 WABASH VALLEY (IND)	69	1	4	2	2	4	2	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		8	6	5	13	6	3		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	12	9	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	1	19	13	0		0	0	0	0	0		0	0	0		0	0
085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB)	69	1	1	1	1	1	1	1	2	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	3	3	1		0	0	1	0	0		0	0	0		0	0
	71		2	2	2	14	7	1		1	0	1	0	0		0	0	0		0	0
	72		11	4	5	13	6	1		1	0	1	0	0		1	0	1		1	1
086 METROPOLITAN SIOUX CITY (IOWA-NEB-S.D.)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	2	1	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	1	2	1	0		0	0	0	0	0		0	0	0		0	0
087 METROPOLITAN SIOUX FALLS (IOWA-S.D.)	69	2	0	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
088 NORTHEAST IOWA	69	1	0	0	0	1	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	2	2	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	3	1	0		0	0	0	0	0		0	0	0		0	0
	72		2	2	2	9	5	1		0	0	0	0	0		0	0	0		0	0
089 NORTH CENTRAL IOWA	69	IA	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	1	1	1		0	0	0	0	0		0	0	0		0	0
	72		1	1	1	3	1	1		0	0	0	0	0		0	0	0		0	0
090 NORTHWEST IOWA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M P.P.M.	SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR					ANNUAL	24-HOUR		3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC 60 -	#> PRI 75 -	#STA (2)	#> SEC 150 -	#> PRI 260 -	PRIORITY	#STA (1)	#> PRI 80 .03	#STA (2)	#> PRI 365 .14	#> STD 1300 .50	PRITY	#STA (2)	#> STD 40* 35	#> STD 10* 9	PRITY	#STA (2)	#> STD 160 .08
391 SOUTHEAST IOWA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
392 SOUTH CENTRAL IOWA	69	1	2	2	2	5	4	0	3	1	0	1	0	0	3	0	0	0	1	0	0
	70		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	71		2	2	2	2	1	1		1	0	1	0	0		0	0	0		0	0
	72		1	1	1	3	2	1		1	0	1	0	0		0	0	0		0	0
393 SOUTHWEST IOWA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	1	2	1	1		0	0	0	0	0		0	0	0		0	0
394 METROPOLITAN KANSAS CITY (KAN-MO)	69	1	4	4	4	4	4	2	3	1	0	1	0	0	1	0	0	0	1	0	0
	70		3	3	3	3	3	1		1	0	3	0	0		0	0	0		0	0
	71		6	6	5	12	9	1		4	0	4	0	0		0	0	0		0	0
	72		25	22	13	32	29	1		5	0	5	0	0		1	0	1		0	0
395 NORTHEAST KANSAS	69	1	1	0	0	4	3	1	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		2	2	1	5	3	1		0	0	1	0	0		0	0	0		0	0
	71		5	4	3	6	5	2		0	0	2	0	0		0	0	0		0	0
	72		5	4	2	9	3	0		2	0	8	0	0		1	0	1		0	0
396 NORTH CENTRAL KANSAS	69	1	0	0	0	4	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		4	3	2	4	3	1		0	0	0	0	0		0	0	0		0	0
	71		3	2	1	4	3	2		0	0	0	0	0		0	0	0		0	0
	72		3	2	1	6	4	2		0	0	1	0	0		0	0	0		0	0
397 NORTHWEST KANSAS	69	1	0	0	0	2	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		3	2	1	3	3	1		0	0	0	0	0		0	0	0		0	0
	71		3	2	1	4	2	0		0	0	0	0	0		0	0	0		0	0
	72		4	3	2	5	3	0		0	0	2	0	0		0	0	0		0	0
398 SOUTHEAST KANSAS	69	3	0	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	2	1	0		0	0	0	0	0		0	0	0		0	0
	71		2	1	0	4	1	0		0	0	0	0	0		0	0	0		0	0
	72		3	1	0	6	0	0		0	0	3	0	0		0	0	0		0	0
399 SOUTH CENTRAL KANSAS	69	1	2	0	0	9	5	2	3	2	0	2	0	0	3	0	0	0	1	0	0
	70		7	6	6	7	5	3		1	0	1	0	0		0	0	0		0	0
	71		7	5	4	7	4	1		1	0	3	0	0		1	0	1		0	0
	72		5	3	2	15	7	3		1	0	6	0	0		1	0	1		0	0
400 SOUTHWEST KANSAS	69	1	0	0	0	2	2	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	2	1	2	2	2		0	0	0	0	0		0	0	0		0	0
	71		2	1	1	2	1	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	1	3	2	0		0	0	2	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	#STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PRTY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PRTY	#STA (2)	1-HR #> STD 160 .08
101 APPALACHIAN (KY)	69	2	0	0	0	3	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		3	0	0	2	0	0		0	0	0	0	0		0	0	0		0	0
	71		3	2	2	4	3	0		0	0	0	0	0		0	0	0		0	0
	72		3	2	0	4	2	0		0	0	2	0	0		0	0	0		0	0
102 BLUEGRASS (KY)	69	2	2	0	0	3	0	0	3	0	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	0	3	0	0		1	0	1	0	0		0	0	0		0	0
	71		3	1	0	4	0	0		0	0	3	0	0		0	0	0		0	0
	72		4	1	0	4	1	0		2	0	4	0	0		0	0	0		0	0
103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.V	69	1	5	5	1	5	4	4	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	4	3	2		0	0	0	0	0		0	0	0		0	0
	71		7	6	4	13	7	2		2	0	3	0	0		0	0	0		0	0
	72		12	9	7	16	7	1		6	0	9	0	0		0	0	0		0	0
104 NORTH CENTRAL KENTUCKY	69	2	0	0	0	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
105 SOUTH CENTRAL KENTUCKY	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	72		3	2	0	3	0	0		1	0	2	0	0		0	0	0		0	0
106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TE	69	2	5	4	0	7	0	0	1	2	0	3	0	0	3	0	0	0	1	0	0
	70		4	4	1	6	0	0		3	0	4	0	0		0	0	0		0	0
	71		4	4	0	6	0	0		2	0	4	0	0		0	0	0		0	0
	72		6	5	2	8	1	0		11	0	15	0	0		0	0	0		2	2
107 ANDROSCOGGIN VALLEY (ME-N.H.)	69	1A	1	0	0	1	0	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		4	0	0	7	4	0		1	0	1	0	0		0	0	0		0	0
	72		4	0	0	8	1	0		0	0	1	0	0		0	0	0		0	0
108 AROOSTOOK (ME)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
109 DOWN EAST (ME)	69	1A	1	0	0	1	0	0	1A	1	0	1	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
110 METROPOLITAN PORTLAND (ME)	69	1	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		3	2	0	6	1	0		5	1	6	0	0		0	0	0		0	0
	72		0	0	0	5	0	0		1	0	5	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION		SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR					ANNUAL	24-HOUR		3-HR			1-HR	8-HR			1-HR
				#>	#>		#>	#>			#>		#>	#>			#>	#>			#>
		PRIORITY	#STA	SEC	PRI	#STA	SEC	PRI	PRIORITY	#STA	PRI	#STA	PRI	STD	PRTY	#STA	STD	STD	PRTY	#STA	STD
	UG/CU.M:		(1)	60	75	(2)	150	260		(1)	80	(2)	365	1300		(2)	40*	10*		(2)	160
	P.P.M:			-	-		-	-			.03		.14	.50			35	9			.08
111 NORTHWEST MAINE	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	1	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
112 CENTRAL MARYLAND	69	2	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	0	0	0	0		3	0	6	0	0		0	0	0		0	0
113 CUMBERLAND-KEYSER (MD-W. VA.)	69	1	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	0	0		0	0	2	0	0		0	0	0		0	0
	72		1	1	1	7	4	0		1	0	5	0	0		0	0	0		0	0
114 EASTERN SHORE (MD)	69	2	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	1	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		5	0	0	7	0	0		3	0	4	0	0		0	0	0		0	0
115 METROPOLITAN BALTIMORE (MD)	69	1	2	2	2	2	2	0	1	1	0	1	0	0	1	0	0	0	1	0	0
	70		1	1	1	1	1	1		1	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	1	1		1	0	2	0	0		0	0	0		0	0
	72		33	16	6	11	12	4		15	0	18	0	0		1	0	0		0	0
116 SOUTHERN MARYLAND	69	3	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		1	0	1	0	2		0	0	0		0	0
117 BERKSHIRE (MASS)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		2	1	0	6	2	0		4	0	12	2	0		0	0	0		0	0
	72		6	0	0	6	1	0		6	0	6	0	0		0	1	0		0	0
118 CENTRAL MASSACHUSETTS	69	1	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	2	0		0	0	4	0	0		0	0	0		0	0
	72		2	1	0	2	2	1		3	0	3	0	0		0	0	0		0	0
119 METROPOLITAN BOSTON (MASS)	69	1	4	4	4	5	4	0	1	1	0	2	0	0	1	0	0	0	1	0	0
	70		4	4	4	7	5	1		4	2	7	2	0		0	0	0		0	0
	71		10	9	6	22	9	4		15	0	42	2	0		2	0	2		0	0
	72		19	6	4	23	6	1		17	0	23	0	0		0	0	0		0	0
120 METROPOLITAN PROVIDENCE (MASS-R.I.)	69	1	4	2	1	5	0	0	1	1	1	1	0	0	1	0	0	0	1	0	0
	70		4	2	1	9	0	0		1	0	8	0	0		0	0	0		0	0
	71		20	8	3	27	7	0		2	0	26	1	0		0	0	0		0	0
	72		23	3	1	29	4	0		20	0	23	0	0		2	0	1		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PRTY	#STA (2)	1-HR #> STD 40- 35	8-HR #> STD 10- 9	OXIDANTS PRTY	#STA (2)	1-HR #> STD 160 .08
121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.	69	1	1	0	0	1	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	0	0	5	1	0		0	0	2	0	0		0	0	0		0	0
	71		9	1	0	19	2	0		2	0	12	0	0		0	0	0		0	0
	72		15	1	0	22	4	0		4	0	10	0	0		0	0	0		0	0
122 CENTRAL MICHIGAN	69	2	15	12	9	22	13	3	3	3	0	3	0	0	3	0	0	0	3	0	0
	70		19	15	10	23	9	2		3	0	3	0	0		0	0	0		0	0
	71		13	10	4	18	4	0		2	0	5	0	0		0	0	0		0	0
	72		26	12	2	35	10	2		7	0	11	0	0		0	0	0		0	0
123 METROPOLITAN DETROIT-PORT HURON (MICH)	69	1	10	10	9	16	12	0	1	1	0	1	0	0	3	0	0	0	3	0	0
	70		9	8	6	13	10	1		1	0	2	0	0		0	0	0		0	0
	71		22	21	18	43	28	8		1	0	2	0	0		0	0	0		0	0
	72		42	32	22	42	26	4		14	0	21	0	0		0	0	0		0	0
124 METROPOLITAN TOLEDO (MICH-OHIO)	69	1	10	10	5	12	9	2	1	1	0	1	0	0	3	0	0	0	1	0	0
	70		10	10	9	15	10	1		1	0	1	0	0		0	0	0		0	0
	71		8	8	6	16	5	0		1	0	5	1	1		2	0	2		0	0
	72		14	13	9	16	11	2		3	0	8	1	0		1	0	0		0	0
125 SOUTH CENTRAL MICHIGAN	69	2	4	3	0	5	4	0	2	1	0	1	0	0	3	0	0	0	3	0	0
	70		3	2	2	4	1	1		1	0	1	0	0		0	0	0		0	0
	71		4	3	1	4	1	0		0	0	1	0	0		0	0	0		0	0
	72		6	3	1	7	2	0		2	0	3	1	0		0	0	0		0	0
126 UPPER MICHIGAN	69	3	2	0	0	4	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		6	0	0	6	0	0		0	0	0	0	0		0	0	0		0	0
	71		5	0	0	9	3	0		0	0	1	0	0		0	0	0		0	0
	72		12	2	0	15	4	2		2	0	2	0	0		0	0	0		0	0
127 CENTRAL MINNESOTA	69	2	0	0	0	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	0	7	0	0		0	0	2	0	0		0	0	0		0	0
128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC)	69	2	1	0	0	1	0	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		2	0	0	5	0	0		0	0	0	0	0		0	0	0		0	0
	72		2	0	0	11	2	0		0	0	2	0	0		0	0	0		0	0
129 DULUTH-SUPERIOR (MINN-WISC)	69	1	3	3	0	8	5	3	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	2	1	3	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	6	3	1		0	0	1	0	0		0	0	0		0	0
	72		1	1	0	4	3	0		1	0	1	0	0		0	0	0		0	0
130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.)	69	2	2	1	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	1	0	2	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		3	1	0	7	3	0		0	0	1	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION		SUSPENDED PARTICULATES		ANNUAL		24-HOUR			SULFUR DIOXIDE		ANNUAL	24-HOUR		3-HR	CARBON MONOXIDE		1-HR	8-HR	OXIDANTS		1-HR
	STD UG/M3: P.P.M.:	PRIORITY	#STA (1)	> SEC 60 -	> PRI 75 -	#STA (2)	> SEC 150 -	> PRI 260 -	PRIORITY	#STA (1)	> PRI 80 .03	#STA (2)	> PRI 365 .14	> STD 1300 .50	PRTY	#STA (2)	> STD 40 35	> STD 10 9	PRTY	#STA (2)	> STD 160 .08
131 MINNEAPOLIS-ST. PAUL (MINN.)	69	1	13	11	2	14	6	2	1	1	0	1	0	0	1	0	0	0	3	0	0
	70		2	2	1	2	2	0		1	0	2	0	0		0	0	0		0	0
	71		1	1	0	2	0	0		1	0	2	0	0		0	0	0		0	0
	72		7	5	2	24	4	0		4	0	12	1	0		2	0	2		1	0
132 NORTHWEST MINNESOTA	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	4	1	0		0	0	0	0	1		0	0	0		0	0
133 SOUTHWEST MINNESOTA	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	5	0	0		0	0	0	0	0		0	0	0		0	0
134 MISSISSIPPI DELTA	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
135 NORTHEAST MISSISSIPPI	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
136 NORTHERN PIEDMONT (N.C.)	69	1	3	3	3	3	3	0	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		2	2	2	2	2	0		1	0	2	0	0		0	0	0		0	0
	71		4	4	4	13	5	0		2	0	9	0	0		0	0	0		0	0
	72		23	11	9	24	12	2		15	0	23	0	0		0	0	0		1	0
137 NORTHERN MISSOURI	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		4	1	1	5	1	0		0	0	0	0	0		0	0	0		0	0
138 SOUTHEAST MISSOURI	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		7	1	1	7	2	1		0	0	1	0	0		0	0	0		0	0
139 SOUTHWEST MISSOURI	69	1	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	72		1	0	0	3	1	0		0	0	1	0	0		0	0	0		0	0
140 BILLINGS (MONT.)	69	2	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	#STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PRITY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PRITY	#STA (2)	1-HR #> STD 160 .08
141 GREAT FALLS (MONT)	69	3	1	0	0	1	0	0	1A	0	0	1	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
142 HELENA (MONT)	69	1A	1	0	0	1	0	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
143 MILES CITY (MONT)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
144 MISSOULA (MONT)	69	1	0	0	0	1	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
145 LINCOLN-BEATRICE-FAIRBURY (NEB)	69	2	0	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		2	1	0	3	0	0		0	0	1	0	0		0	0	0		0	0
	72		9	4	0	8	1	0		1	0	1	0	0		0	0	0		0	0
146 NEBRASKA (REMAINDER)	69	3	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		8	7	3	9	4	0		0	0	1	0	0		0	0	0		0	0
	72		7	3	1	15	3	1		0	0	0	0	0		0	0	0		0	0
147 NEVADA (REMAINDER)	69	1A	1	0	0	1	0	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		8	4	3	9	4	2		0	0	3	1	0		0	0	0		0	0
148 NORTHWEST NEVADA	69	1	1	1	1	1	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	72		14	9	5	15	6	0		0	0	0	0	0		1	0	1		0	0
149 CENTRAL NEW HAMPSHIRE	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	2	0	0		0	0	0	0	0		0	0	0		0	0
150 NEW JERSEY (REMAINDER)	69	3	0	0	0	0	0	0	1A	0	0	0	0	0	1	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		1	1	1		0	0
	71		0	0	0	2	0	0		1	0	1	0	0		1	0	1		0	0
	72		2	0	0	9	0	0		2	0	2	0	0		2	0	2		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION		SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR					ANNUAL	24-HOUR		3-HR			1-HR	8-HR			1-HR
	UG/CU.M: P.P.M:	PRIORITY	#STA (1)	#> SEC 60 -	#> PRI 75 -	#STA (2)	#> SEC 150 -	#> PRI 260 -	PRIORITY	#STA (1)	#> PRI 80 .03	#STA (2)	#> PRI 365 .14	#> STD 1300 .50	PR'TY	#STA (2)	#> STD 40* 35	#> STD 10* 9	PR'TY	#STA (2)	#> STD 160 .08
151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J	69	1	5	5	5	5	5	1	2	2	0	2	0	0	3	0	0	0	3	0	0
	70		4	4	4	5	5	1		2	0	4	0	0		1	0	1		0	0
	71		4	4	4	6	5	1		1	0	3	0	0		0	0	0		0	0
	72		25	19	16	33	18	4		4	0	4	0	0		1	0	1		0	0
152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)	69	1	10	6	3	10	7	1	3	1	0	1	0	0	3	1	0	1	1	0	0
	70		10	7	7	11	9	7		1	0	1	0	0		0	0	0		0	0
	71		9	7	7	13	8	0		0	0	1	0	0		1	0	1		0	0
	72		1	1	1	12	9	1		1	0	1	0	0		1	0	1		0	0
153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX)	69	1	0	0	0	2	2	0	1	0	0	2	0	0	1	0	0	0	1	0	0
	70		1	1	1	1	1	1		1	0	1	0	0		0	0	0		0	0
	71		2	1	1	6	5	3		0	0	1	0	0		0	0	0		0	0
	72		2	2	2	18	16	13		0	0	2	0	0		0	0	0		0	0
154 NORTHEAST PLAINS (N. MEX)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	1	1		0	0	0	0	0		0	0	0		0	0
155 PECOS-PERMIAN BASIN (N. MEX)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	3	2	0		0	0	0	0	0		0	0	0		0	0
	72		1	1	0	5	4	1		0	0	0	0	0		0	0	0		0	0
156 SOUTHWESTERN MOUNTAINS-AUGUSTINE PLAINS (N. MEX)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
157 UPPER RIO GRANDE VALLEY (N. MEX)	69	3	0	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	6	0	0		0	0	0	0	0		0	0	0		0	0
	72		2	0	0	4	0	0		0	0	1	0	0		0	0	0		0	0
158 CENTRAL NEW YORK	69	1	17	11	10	27	14	2	2	2	0	2	0	0	1	0	0	0	1	0	0
	70		31	14	10	39	15	1		0	0	3	0	0		0	0	0		0	0
	71		33	18	9	38	23	4		1	0	4	0	0		1	0	1		1	1
	72		29	16	7	39	14	2		2	0	5	0	0		2	0	1		1	1
159 CHAMPLAIN VALLEY (N.Y.-VT)	69	2	5	0	0	5	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		4	0	0	5	1	0		0	0	0	0	0		0	0	0		0	0
	71		4	0	0	6	0	0		0	0	0	0	0		0	0	0		0	0
	72		5	0	0	10	0	0		0	0	0	0	0		0	0	0		0	0
160 GENESEE-FINGER LAKES (N.Y.)	69	2	7	5	4	9	6	0	2	1	0	4	1	0	3	0	0	0	1	0	0
	70		9	4	3	11	3	0		4	1	6	0	0		0	0	0		0	0
	71		14	5	3	15	4	0		6	0	8	0	0		1	0	1		1	1
	72		17	5	3	20	3	0		1	0	10	0	0		1	0	0		1	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	SUSPENDED PARTICULATES ANNUAL #> SEC 60 -	SUSPENDED PARTICULATES ANNUAL #> PRI 75 -	SUSPENDED PARTICULATES 24-HOUR #STA (2)	SUSPENDED PARTICULATES 24-HOUR #> SEC 150 -	SUSPENDED PARTICULATES 24-HOUR #> PRI 260 -	SULFUR DIOXIDE PRIORITY	SULFUR DIOXIDE #STA (1)	SULFUR DIOXIDE ANNUAL #> PRI 80 .03	SULFUR DIOXIDE #STA (2)	SULFUR DIOXIDE 24-HOUR #> PRI 365 .14	SULFUR DIOXIDE 3-HR #> STD 1300 .50	CARBON MONOXIDE PRTY	CARBON MONOXIDE #STA (2)	CARBON MONOXIDE 1-HR #> STD 40* 35	CARBON MONOXIDE 8-HR #> STD 10* 9	OXIDANTS PRTY	OXIDANTS #STA (2)	OXIDANTS 1-HR #> STD 160 .08
161 HUDSON VALLEY (N.Y.)	69	1	27	13	4	28	9	1	2	3	2	3	0	0	3	0	0	0	3	0	0
	70		26	14	4	29	11	1		3	2	3	0	0		0	0	0		0	0
	71		24	14	6	31	9	3		3	0	6	0	0		3	0	1		0	0
	72		25	12	4	38	9	2		1	0	7	0	0		2	0	0		1	1
162 NIAGARA FRONTIER (N.Y.)	69	1	24	18	15	28	29	12	1	1	0	1	0	0	3	0	0	0	1	0	0
	70		27	21	17	29	19	7		1	1	4	1	0		0	0	0		0	0
	71		30	22	17	50	38	7		6	3	15	2	1		2	0	3		1	1
	72		43	31	21	48	23	4		2	0	14	1	0		2	0	2		1	1
163 SOUTHERN TIER EAST (N.Y.)	69	2	6	4	1	7	3	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		6	2	1	6	2	0		0	0	0	0	0		0	0	0		0	0
	71		5	5	1	7	5	0		0	0	0	0	0		0	0	0		0	0
	72		6	2	0	10	0	0		0	0	0	0	0		0	0	0		0	0
164 SOUTHERN TIER WEST (N.Y.)	69	2	5	0	0	14	1	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		13	4	0	13	3	0		0	0	0	0	0		0	0	0		0	0
	71		10	4	1	14	4	0		0	0	0	0	0		0	0	0		0	0
	72		12	4	1	19	5	0		0	0	0	0	0		0	0	0		0	0
165 EASTERN MOUNTAIN (N.C.)	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	17	2	0		0	0	10	0	0		0	0	0		0	0
	72		13	3	2	28	5	1		1	0	18	0	0		0	0	0		0	0
166 EASTERN PIEDMONT (N.C.)	69	1	2	2	2	2	0	0	3	0	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	3	0	0		0	0	3	0	0		0	0	0		0	0
	72		13	3	1	16	2	0		3	0	16	0	0		0	0	0		0	0
167 METROPOLITAN CHARLOTTE (N.C.-S.C.)	69	1	5	5	4	22	11	0	2	0	0	0	0	0	3	0	0	0	1	0	0
	70		8	7	3	12	7	2		0	0	1	0	0		0	0	0		0	0
	71		1	1	0	27	9	1		0	0	6	0	0		0	0	0		0	0
	72		24	13	4	48	16	1		12	0	31	1	0		0	0	0		0	0
168 NORTHERN COASTAL PLAIN (N.C.)	69	1	1	0	0	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	1	0		0	0	1	0	0		0	0	0		0	0
	71		0	0	0	9	1	1		0	0	9	0	0		0	0	0		0	0
	72		8	0	0	14	1	0		2	0	13	0	0		0	0	0		0	0
169 SANDHILLS (N.C.)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	3	0	0		0	0	3	0	0		0	0	0		0	0
	72		6	2	0	8	1	0		5	0	7	0	0		0	0	0		0	0
170 SOUTHERN COASTAL PLAIN (N.C.)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	8	0	0		0	0	8	0	0		0	0	0		0	0
	72		14	2	1	17	3	1		7	0	15	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR					ANNUAL		24-HOUR	3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC 60 -	#> PRI 75 -	#STA (2)	#> SEC 150 -	#> PRI 260 -	PRIORITY	#STA (1)	#> PRI 80 .03	#STA (2)	#> PRI 365 .14	#> STD 1300 .50	PR'TY	#STA (2)	#> STD 40* 35	#> STD 10* 9	PR'TY	#STA (2)	#> STD 160 .08
171 WESTERN MOUNTAIN (N.C.)	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	9	3	1		0	0	6	0	0		0	0	0		0	0
	72		7	4	3	26	12	4		1	0	16	0	0		0	0	0		0	0
172 NORTH DAKOTA (REMAINDER)	69	2	2	2	0	4	2	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		7	2	1	9	3	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	0	2	0	0		0	0	0	0	0		0	0	0		0	0
	72		11	3	2	13	5	2		0	0	0	0	0		0	0	0		0	0
173 DAYTON (OHIO)	69	1	2	2	2	2	2	0	2	1	0	1	0	0	3	0	0	0	1	0	0
	70		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	72		16	10	5	22	7	0		5	0	13	0	0		0	0	0		0	0
174 GREATER METROPOLITAN CLEVELAND (OHIO)	69	1	23	23	22	24	23	8	1	13	5	14	1	0	3	0	0	0	1	0	0
	70		2	2	2	6	5	0		3	0	5	0	0		0	0	0		0	0
	71		33	33	32	44	41	12		21	5	28	1	0		0	0	0		0	0
	72		30	29	21	54	31	7		19	6	36	1	0		3	0	7		4	2
175 MANSFIELD-MARION (OHIO)	69	2	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	72		2	1	1	2	1	0		1	0	1	0	0		0	0	0		0	0
176 METROPOLITAN COLUMBUS (OHIO)	69	1	1	1	1	1	1	0	3	1	0	1	0	0	3	0	0	0	1	0	0
	70		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	72		2	2	2	2	0	0		1	0	1	0	0		0	0	0		0	0
177 NORTHWEST OHIO	69	2	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN)	69	1	3	2	1	3	2	1	2	1	0	1	0	0	3	0	0	0	3	0	0
	70		3	2	2	3	2	1		1	0	2	0	0		0	0	0		0	0
	71		3	2	1	3	1	0		2	0	2	0	0		0	0	0		0	0
	72		10	7	7	10	7	2		2	0	2	0	0		0	0	0		0	0
179 PARKERSBURG-MARIETTA (OHIO-W.VA.)	69	1	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	2	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	0	2	1	0		0	0	0	0	0		0	0	0		0	0
180 SANDUSKY (OHIO)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION		SUSPENDED PARTICULATES						SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR				ANNUAL		24-HOUR	3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC	#> PRI	#STA (2)	#> SEC	#> PRI	PRIORITY	#STA (1)	#> PRI	#STA (2)	#> PRI	#> STD	PR'TY	#STA (2)	#> STD	#> STD	PR'TY	#STA (2)	#> STD
	UG/CU.M:			60	75		150	260			80		365	1300			40*	10*			160
	P.P.M:			-	-		-	-			.03		.14	.50			35	9			.08
181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA)	69	1	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	8	7	2		0	0	6	0	0		0	0	0		0	0
	72		4	4	4	10	9	3		1	0	6	0	0		0	0	0		0	0
182 WILMINGTON-CHILLICOTHE-LOGAN (OHIO)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
183 ZANESVILLE-CAMBRIDGE (OHIO)	69	2	0	0	0	0	0	0	1A	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
184 CENTRAL OKLAHOMA	69	1	1	1	0	12	5	2	3	0	0	0	0	0	3	0	0	0	1	0	0
	70		12	10	3	26	24	14		0	0	0	0	0		0	0	0		0	0
	71		15	9	2	33	23	6		0	0	3	0	0		0	0	0		0	0
	72		9	1	0	28	12	2		1	0	9	1	0		2	0	2		1	1
185 NORTH CENTRAL OKLAHOMA	69	3	0	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	3	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	5	1	0		0	0	1	0	0		0	0	0		0	0
	72		1	0	0	4	1	0		0	0	2	0	0		0	0	0		0	0
186 NORTHEASTERN OKLAHOMA	69	1	2	0	0	4	2	0	/ 3	1	0	1	0	0	3	0	0	0	1	0	0
	70		2	1	0	7	4	1		0	0	1	0	0		0	0	0		0	0
	71		12	8	5	19	14	4		1	0	3	1	0		0	0	0		0	0
	72		13	7	1	25	11	2		3	0	6	2	0		0	0	0		1	0
187 NORTHWESTERN OKLAHOMA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	3	1	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	5	3	0		1	0	1	0	0		0	0	0		0	0
188 SOUTHEASTERN OKLAHOMA	69	3	0	0	0	5	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	2	0	10	6	2		0	0	0	0	0		0	0	0		0	0
	71		4	1	1	11	4	2		0	0	1	0	0		0	0	0		0	0
	72		3	1	0	11	0	0		1	0	1	0	0		0	0	0		0	0
189 SOUTHWESTERN OKLAHOMA	69	3	1	0	0	5	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	4	3	3		0	0	0	0	0		0	0	0		0	0
	71		2	1	1	7	4	2		0	0	2	0	0		0	0	0		0	0
	72		5	4	1	12	7	3		3	0	3	0	0		0	0	0		0	0
190 CENTRAL OREGON	69	2	0	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	4	2	0		0	0	0	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	SUSPENDED PARTICULATES ANNUAL #> SEC 60 -	SUSPENDED PARTICULATES ANNUAL #> PRI 75 -	SUSPENDED PARTICULATES 24-HOUR #STA (2)	SUSPENDED PARTICULATES 24-HOUR #> SEC 150 -	SUSPENDED PARTICULATES 24-HOUR #> PRI 260 -	SULFUR DIOXIDE PRIORITY	SULFUR DIOXIDE #STA (1)	SULFUR DIOXIDE ANNUAL #> PRI 80 .03	SULFUR DIOXIDE 24-HOUR #STA (2)	SULFUR DIOXIDE 24-HOUR #> PRI 365 .14	SULFUR DIOXIDE 3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	CARBON MONOXIDE #STA (2)	CARBON MONOXIDE 1-HR #> STD 40* 35	CARBON MONOXIDE 8-HR #> STD 10* 9	OXIDANTS PR'TY	OXIDANTS #STA (2)	OXIDANTS 1-HR #> STD 160 .08
191 EASTERN OREGON	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	3	1	0		0	0	0	0	0		0	0	0		0	0
192 NORTHWEST OREGON	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
193 PORTLAND (ORE-WASH)	69	1	3	3	0	5	4	0	1A	1	0	2	0	0	1	1	1	1	1	1	1
	70		1	1	1	3	1	0		0	0	1	0	0		0	0	0		0	0
	71		5	1	0	9	4	1		1	0	2	0	0		0	0	0		0	0
	72		6	4	1	41	15	1		2	0	3	0	0		4	0	2		1	1
194 SOUTHWEST OREGON	69	2	4	3	3	7	5	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	2	1	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	1	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	6	1	0		0	0	0	0	0		0	0	0		0	0
195 CENTRAL PENNSYLVANIA	69	1	3	3	3	19	12	1	3	1	0	1	0	0	3	0	0	0	3	0	0
	70		3	3	3	3	3	1		1	0	1	0	0		0	0	0		0	0
	71		2	2	1	9	2	0		0	0	1	0	0		0	0	0		0	0
	72		9	7	5	8	5	1		0	0	0	0	0		0	0	0		0	0
196 SOUTH CENTRAL PENNSYLVANIA	69	1	2	2	1	2	1	0	2	1	0	1	0	0	3	0	0	0	3	0	0
	70		2	2	2	4	4	0		1	0	2	0	0		0	0	0		0	0
	71		2	2	2	3	1	0		1	0	1	0	0		0	0	0		0	0
	72		20	15	11	22	13	3		0	0	2	0	0		0	0	0		0	0
197 SOUTHWEST PENNSYLVANIA	69	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	0	0	1	0	0
	70		1	1	1	1	1	1		1	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		1	0	1	0	0		0	0	0		0	0
	72		14	13	12	15	13	4		3	0	4	0	0		0	0	0		0	0
198 CAMDEN-SUMPTER (S.C.)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	3	0	0		0	0	0	0	0		0	0	0		0	0
	72		3	0	0	4	0	0		1	0	2	0	0		0	0	0		0	0
199 CHARLESTON (S.C.)	69	1	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		3	2	2	5	2	2		0	0	0	0	0		0	0	0		0	0
	72		5	3	2	13	8	4		0	0	3	0	0		0	0	0		0	0
200 COLUMBIA (S.C.)	69	2	2	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	2	0	0		0	0	1	0	0		0	0	0		0	0
	71		3	1	1	11	0	0		1	0	1	0	0		0	0	0		0	0
	72		10	4	0	12	3	0		6	0	7	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
			ANNUAL			24-HOUR				ANNUAL		24-HOUR		3-HR			1-HR	8-HR			1-HR
		PRIORITY	#STA (1)	#> SEC 60 -	#> PRI 75 -	#STA (2)	#> SEC 150 -	#> PRI 260 -	PRIORITY	#STA (1)	#> PRI 80 .03	#STA (2)	#> PRI 365 .14	#> STD 1300 .50	PRTY	#STA (2)	#> STD 40* 35	#> STD 10* 9	PRTY	#STA (2)	#> STD 160 .08
201 FLORENCE (S.C.)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	1	0		0	0	1	0	0		0	0	0		0	0
202 GREENVILLE-SPARTANBURG (S.C.)	69	1	1	1	1	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	1	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		8	4	0	11	1	0		0	0	1	0	0		0	0	0		0	0
	72		13	4	1	15	1	0		4	0	4	0	0		1	0	0		0	0
203 GREENWOOD (S.C.)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		1	0	1		0	0
	72		1	0	0	2	0	0		1	0	2	0	0		0	0	0		0	0
204 GEORGETOWN (S.C.)	69	2	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	72		3	2	1	4	4	1		0	0	2	0	0		0	0	0		0	0
205 BLACKHILLS-RAPID CITY (S. DAK)	69	3	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
206 SOUTH DAKOTA (REMAINDER)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-V	69	1	9	8	8	10	9	5	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		9	7	7	13	11	5		0	0	1	0	0		0	0	0		0	0
	71		2	1	1	13	9	2		0	0	2	0	0		0	0	0		0	0
	72		14	9	7	42	27	6		2	0	17	0	0		0	0	0		0	0
208 MIDDLE TENNESSEE	69	1	1	1	1	1	1	0	2	1	0	1	0	0	3	0	0	0	1	0	0
	70		16	11	9	18	9	4		1	0	1	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		0	0	1	0	0		0	0	0		0	0
	72		11	9	6	11	13	0		16	0	19	0	0		1	0	1		1	0
209 WESTERN TENNESSEE	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	7	5	1		0	0	0	0	0		0	0	0		0	0
210 ABILENE-WICHITA FALLS (TEX)	69	2	1	1	0	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		2	1	1	3	2	0		0	0	0	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M: P.P.M:	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PRITY	#STA (2)	1-HR #> STD 40 35	8-HR #> STD 10 9	OXIDANTS PRITY	#STA (2)	1-HR #> STD 160 .08
211 AMARILLO-LUBBOCK (TEX)	69	2	1	1	0	2	1	0	1	0	0	1	0	0	3	0	0	0	3	0	0
	70		1	1	1	4	3	0		0	0	2	0	0		0	0	0		0	0
	71		1	1	1	4	2	0		0	0	2	0	0		0	0	0		0	0
	72		2	1	1	21	17	4		0	0	2	0	0		0	0	0		0	0
212 AUSTIN-WACO (TEX)	69	2	2	1	0	2	0	0	3	0	0	1	0	0	3	0	0	0	1	0	0
	70		2	2	0	3	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	0	0	4	0	0		0	0	1	0	0		0	0	0		0	0
	72		4	2	0	10	1	0		0	0	1	0	0		0	0	0		0	0
213 BROWNSVILLE-LAREDO (TEX)	69	1	2	1	1	4	2	2	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		3	3	3	4	3	2		0	0	0	0	0		0	0	0		0	0
	71		3	3	2	4	3	2		0	0	0	0	0		0	0	0		0	0
	72		7	6	6	13	9	7		0	0	0	0	0		0	0	0		0	0
214 CORPUS CHRISTI-VICTORIA (TEX)	69	1	1	0	0	2	0	0	1	0	0	1	0	0	3	0	0	0	1	0	0
	70		0	0	0	3	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	0	2	1	1		0	0	1	0	0		0	0	0		0	0
	72		11	5	4	12	4	1		1	0	1	0	0		0	0	0		0	0
215 METROPOLITAN DALLAS-FORT WORTH (TEX)	69	2	2	2	2	2	1	0	3	2	0	2	0	0	3	0	0	0	1	0	0
	70		2	2	2	2	0	0		2	0	2	0	0		0	0	0		0	0
	71		2	2	1	3	2	0		1	0	2	0	0		0	0	0		0	0
	72		29	16	7	35	13	5		2	0	2	0	0		0	0	0		0	0
216 METROPOLITAN HOUSTON-GALVESTON (TEX)	69	1	11	4	3	13	1	0	1	2	0	2	0	0	3	0	0	0	1	0	0
	70		9	3	2	12	1	0		1	0	3	0	0		0	0	0		0	0
	71		12	4	3	25	9	0		1	0	15	0	0		0	0	0		0	0
	72		13	7	4	31	11	0		3	0	3	0	0		0	0	0		0	0
217 METROPOLITAN SAN ANTONIO (TEX)	69	2	13	4	2	19	3	1	3	1	0	1	0	0	3	0	0	0	1	0	0
	70		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	0	0	2	1	0		0	0	1	0	0		0	0	0		0	0
	72		7	1	1	9	2	1		1	0	1	0	0		0	0	0		0	0
218 MIDLAND-ODESSA-SAN ANGELO (TEX)	69	2	1	1	0	2	0	0	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	0	0	2	1	0		0	0	1	0	0		0	0	0		0	0
	71		1	1	0	5	3	1		0	0	1	0	0		0	0	0		0	0
	72		4	2	1	5	4	0		1	0	1	0	0		0	0	0		0	0
219 UTAH (REMAINDER)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
220 WASATCH FRONT (UTAH)	69	1	2	2	2	6	6	5	1	1	0	1	0	0	1	0	0	0	1	0	0
	70		2	2	2	2	1	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	1	2	2	0		0	0	1	0	0		0	0	0		0	0
	72		8	7	6	8	8	5		1	0	1	0	0		4	2	3		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION		SUSPENDED PARTICULATES							SULFUR DIOXIDE						CARBON MONOXIDE				OXIDANTS		
	UG/CU.M: P.P.M:	PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60 -	ANNUAL #> PRI 75 -	24-HOUR #STA (2)	24-HOUR #> SEC 150 -	24-HOUR #> PRI 260 -	PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	24-HOUR #STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	PR'TY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	PR'TY	#STA (2)	1-HR #> STD 160 .08
221 VERMONT (REMAINDER)	69	2	1	0	0	1	0	0	2	0	0	0	0	0	3	0	0	0	1	0	0
	70		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
222 CENTRAL VIRGINIA	69	1	2	2	1	4	1	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		2	2	2	15	4	0		0	0	0	0	0		0	0	0		0	0
	71		6	3	1	20	10	4		0	0	2	0	0		0	0	0		0	0
	72		15	6	3	24	13	2		1	0	8	0	0		0	0	0		0	0
223 HAMPTON ROADS (VA)	69	1	4	3	2	5	1	0	2	1	0	1	0	0	3	0	0	0	1	0	0
	70		4	3	2	11	5	1		1	0	3	0	0		0	0	0		0	0
	71		7	3	2	12	6	2		4	0	7	0	0		0	0	0		0	0
	72		17	9	4	20	10	4		9	0	14	0	0		1	0	1		1	0
224 NORTHEASTERN VIRGINIA	69	1A	0	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	2	1	1		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	3	1	0		0	0	1	0	0		0	0	0		0	0
225 STATE CAPITAL (VA)	69	1	3	3	3	7	0	0	3	1	0	1	0	0	3	0	0	0	1	0	0
	70		1	1	1	5	4	1		1	0	1	0	0		0	0	0		0	0
	71		0	0	0	4	3	0		0	0	1	0	0		0	0	0		0	0
	72		2	1	1	10	2	0		1	0	8	0	0		1	0	1		2	2
226 VALLEY OF VIRGINIA	69	1	2	1	1	5	2	1	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		9	5	1	27	9	4		1	0	1	0	0		0	0	0		0	0
	71		3	1	1	23	7	2		1	0	2	0	0		0	0	0		0	0
	72		5	1	0	18	7	2		1	0	4	0	0		0	0	0		0	0
227 NORTHERN WASHINGTON	69	2	1	1	0	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	1	1	1		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	4	1	0		0	0	0	0	0		0	0	0		0	0
	72		3	2	0	4	4	2		0	0	0	0	0		0	0	0		0	0
228 OLYMPIC-NORTHWEST WASHINGTON	69	2	2	1	0	7	5	3	2	0	0	0	0	0	3	0	0	0	3	0	0
	70		5	4	3	6	4	3		0	0	0	0	0		0	0	0		0	0
	71		8	3	2	8	5	3		1	0	2	0	0		0	0	0		0	0
	72		3	0	0	4	1	0		0	0	1	0	0		0	0	0		0	0
229 PUGET SOUND (WASH)	69	1	22	8	2	23	14	3	1A	2	0	3	1	1	1	0	0	0	1	0	0
	70		17	6	1	31	12	3		3	0	4	0	1		0	0	0		0	0
	71		13	1	0	17	3	1		4	0	5	0	1		0	0	0		0	0
	72		14	2	1	18	9	1		5	0	9	0	0		4	0	3		0	0
230 SOUTH CENTRAL WASHINGTON	69	1	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	1	1	9	6	0		0	0	0	0	0		0	0	0		0	0
	72		5	2	1	9	4	1		0	0	0	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M P.P.M	SUSPENDED PARTICULATES PRIORITY	ANNUAL #STA (1)	ANNUAL #> SEC 60	ANNUAL #> PRI 75	24-HOUR #STA (2)	24-HOUR #> SEC 150	24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	#STA (1)	ANNUAL #> PRI 80 .03	#STA (2)	24-HOUR #> PRI 365 .14	3-HR #> STD 1300 .50	CARBON MONOXIDE PR'TY	#STA (2)	1-HR #> STD 40* 35	8-HR #> STD 10* 9	OXIDANTS PR'TY	#STA (2)	1-HR #> STD 160 .08
231 ALLEGHENY (W. VA)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
232 CENTRAL WEST VIRGINIA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
233 EASTERN PANHANDLE (W. VA)	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
234 KANAWHA VALLEY (W. VA.)	69	1	1	1	1	1	1	1	1	1	0	1	0	0	3	0	0	0	3	0	0
	70		2	2	2	2	2	2		1	0	1	0	0		0	0	0		0	0
	71		2	2	2	14	4	3		1	0	4	0	0		1	0	0		0	0
	72		11	7	4	14	9	1		1	0	4	0	0		1	0	1		0	0
235 NORTH CENTRAL WEST VIRGINIA	69	1	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	4	0	0		0	0	0	0	0		0	0	0		0	0
	72		5	4	1	6	4	3		0	0	0	0	0		0	0	0		0	0
236 SOUTHERN WEST VIRGINIA	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	2	2	1		1	0	0	0	0		0	0	0		0	0
	72		2	2	2	2	2	2		0	0	0	0	0		0	0	0		0	0
237 LAKE MICHIGAN (WISC)	69	2	1	0	0	1	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	13	4	1		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		0	0	1	0	0		0	0	0		0	0
238 NORTH CENTRAL WISCONSIN	69	3	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	1	0		0	0	0	0	0		0	0	0		0	0
239 SOUTHEASTERN WISCONSIN	69	1	6	4	2	6	4	2	2	1	0	1	0	0	3	0	0	0	1	0	0
	70		3	3	1	17	9	2		1	0	1	0	0		0	0	0		0	0
	71		18	15	8	19	27	7		0	0	1	0	0		0	0	0		1	1
	72		5	2	1	3	2	0		1	0	1	0	0		0	0	0		0	0
240 SOUTHERN WISCONSIN	69	2	1	0	0	1	1	0	3	0	0	0	0	0	3	0	0	0	3	0	0
	70		1	1	0	6	1	0		0	0	1	0	0		0	0	0		0	0
	71		4	4	2	4	4	0		1	0	1	0	0		0	0	0		0	0
			1	1	0	1	3	3		1	0	1	0	0		0	0	0		0	0

Table 3-7 (continued). SUMMARY OF AQCR'S EXCEEDING NATIONAL AMBIENT AIR QUALITY STANDARDS, 1969-1972

AIR QUALITY CONTROL REGION	UG/CU.M. P.P.M.	SUSPENDED PARTICULATES PRIORITY	SUSPENDED PARTICULATES ANNUAL #STA (1)	SUSPENDED PARTICULATES ANNUAL #> SEC 60	SUSPENDED PARTICULATES ANNUAL #> PRI 75	SUSPENDED PARTICULATES 24-HOUR #STA (2)	SUSPENDED PARTICULATES 24-HOUR #> SEC 150	SUSPENDED PARTICULATES 24-HOUR #> PRI 260	SULFUR DIOXIDE PRIORITY	SULFUR DIOXIDE #STA (1)	SULFUR DIOXIDE ANNUAL #> PRI 80 .03	SULFUR DIOXIDE #STA (2)	SULFUR DIOXIDE 24-HOUR #> PRI 365 .14	SULFUR DIOXIDE 3-HR #> STD 1300 .50	CARBON MONOXIDE PRITY	CARBON MONOXIDE #STA (2)	CARBON MONOXIDE 1-HR #> STD 40* 35	CARBON MONOXIDE 8-HR #> STD 10* 9	OXIDANTS PRITY	OXIDANTS #STA (2)	OXIDANTS 1-HR #> STD 160 .08
241 CASPER (WYO)	69	II	1	1	1	1	2	0	III	1	0	1	0	0	III	0	0	0	III	0	0
	70		1	0	0	1	0	0		1	0	1	0	0		0	0	0		0	0
	71		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
	72		1	1	1	1	1	0		1	0	1	0	0		0	0	0		0	0
242 METROPOLITAN CHEYENNE (WYO)	69	II	1	0	0	1	0	0	III	0	0	0	0	0	III	0	0	0	III	0	0
	70		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	71		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		1	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
243 WYOMING (INTRASTATE)	69	I	1	0	0	2	0	0	III	0	0	0	0	0	III	0	0	0	III	0	0
	70		0	0	0	0	0	0		0	0	1	0	0		0	0	0		0	0
	71		1	0	0	2	0	0		0	0	1	0	0		0	0	0		0	0
	72		1	0	0	2	0	0		1	0	1	0	0		0	0	0		0	0
244 PUERTO RICO	69	IA	5	4	4	5	2	1	IA	2	0	2	0	0	III	1	0	0	III	0	0
	70		5	5	4	5	2	1		2	0	4	0	0		0	0	0		0	0
	71		2	1	1	5	2	1		1	0	4	0	0		0	0	0		0	0
	72		5	5	4	5	4	1		4	0	4	0	0		1	0	0		0	0
245 AMERICAN SAMOA	69	I	0	0	0	0	0	0	I	0	0	0	0	0	III	0	0	0	III	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
246 GUAM	69	I	0	0	0	0	0	0	II	0	0	0	0	0	III	0	0	0	III	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	1	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	1	1	1		0	0	2	0	0		0	0	0		0	0
247 U.S. VIRGIN ISLANDS	69	IA	0	0	0	0	0	0	IA	0	0	0	0	0	III	0	0	0	III	0	0
	70		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	71		0	0	0	0	0	0		0	0	0	0	0		0	0	0		0	0
	72		0	0	0	4	1	1		1	0	2	1	0		0	0	0		0	0

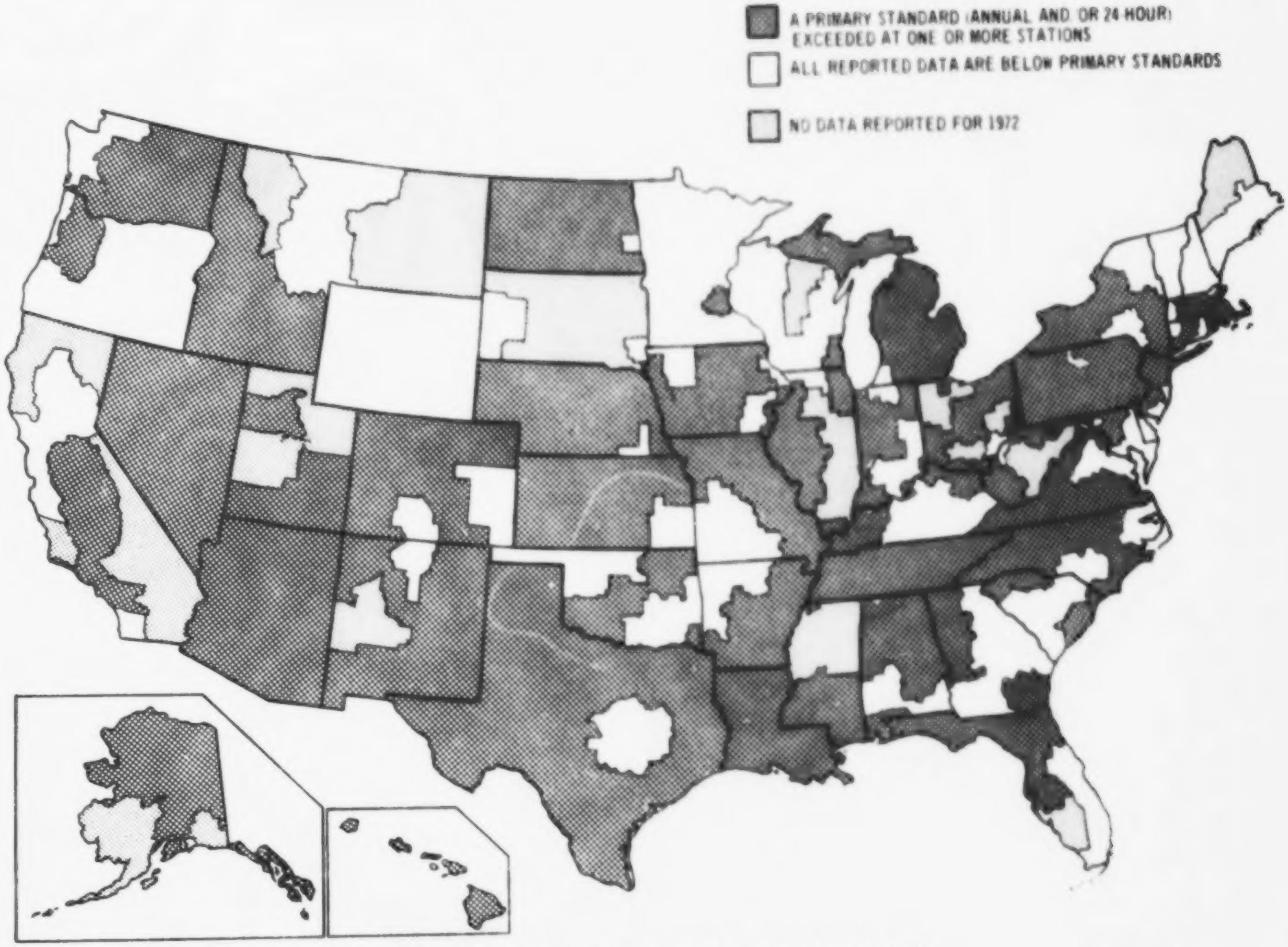

A PRIMARY STANDARD (ANNUAL AND/OR 24 HOUR) EXCEEDED AT ONE OR MORE STATIONS
ALL REPORTED DATA ARE BELOW PRIMARY STANDARDS
NO DATA REPORTED FOR 1972

Figure 3-1. Status of suspended particulate levels, 1972.

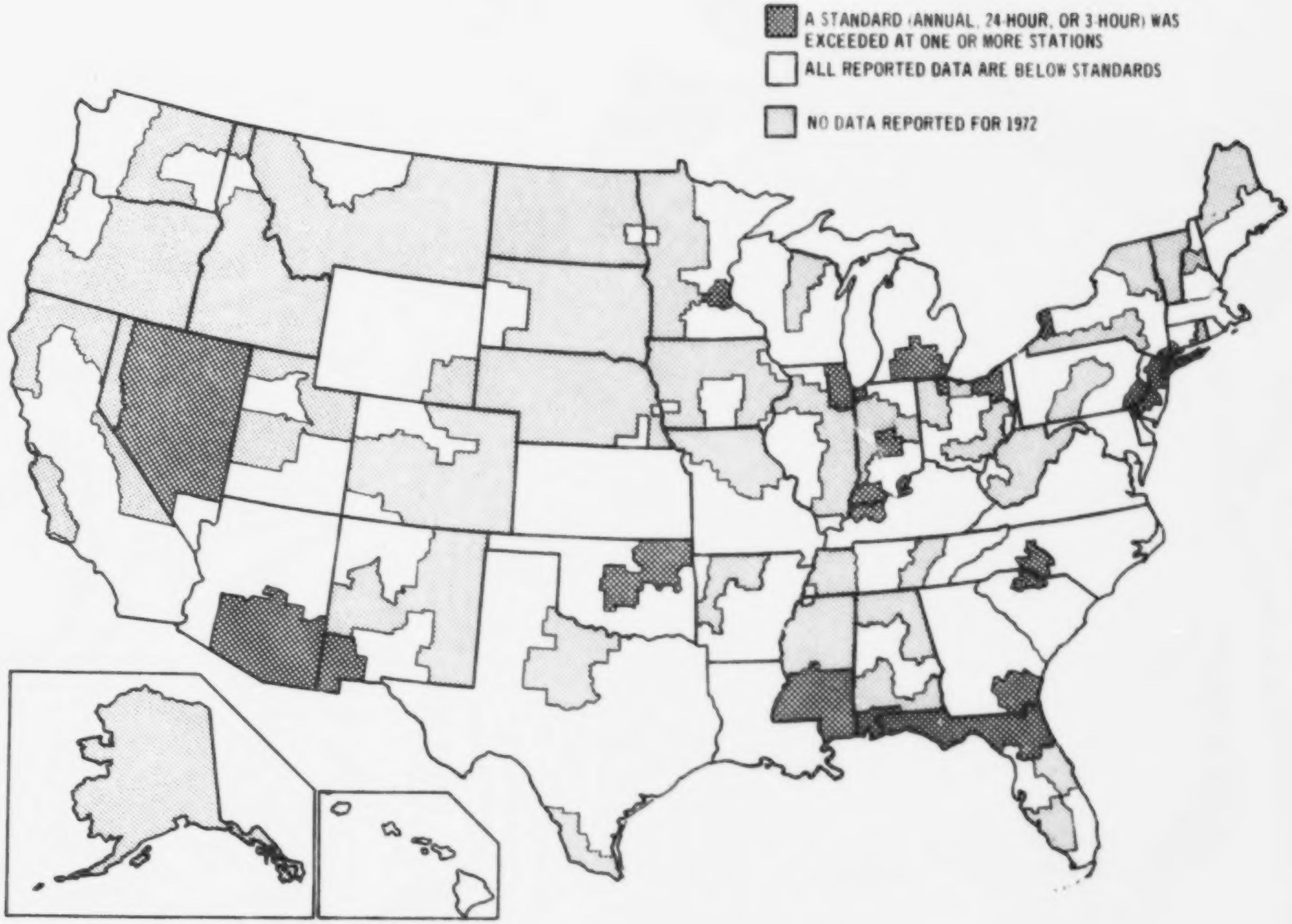

▨ A STANDARD (ANNUAL, 24-HOUR, OR 3-HOUR) WAS EXCEEDED AT ONE OR MORE STATIONS
☐ ALL REPORTED DATA ARE BELOW STANDARDS
░ NO DATA REPORTED FOR 1972

Figure 3-2. Status of sulfur dioxide levels, 1972.

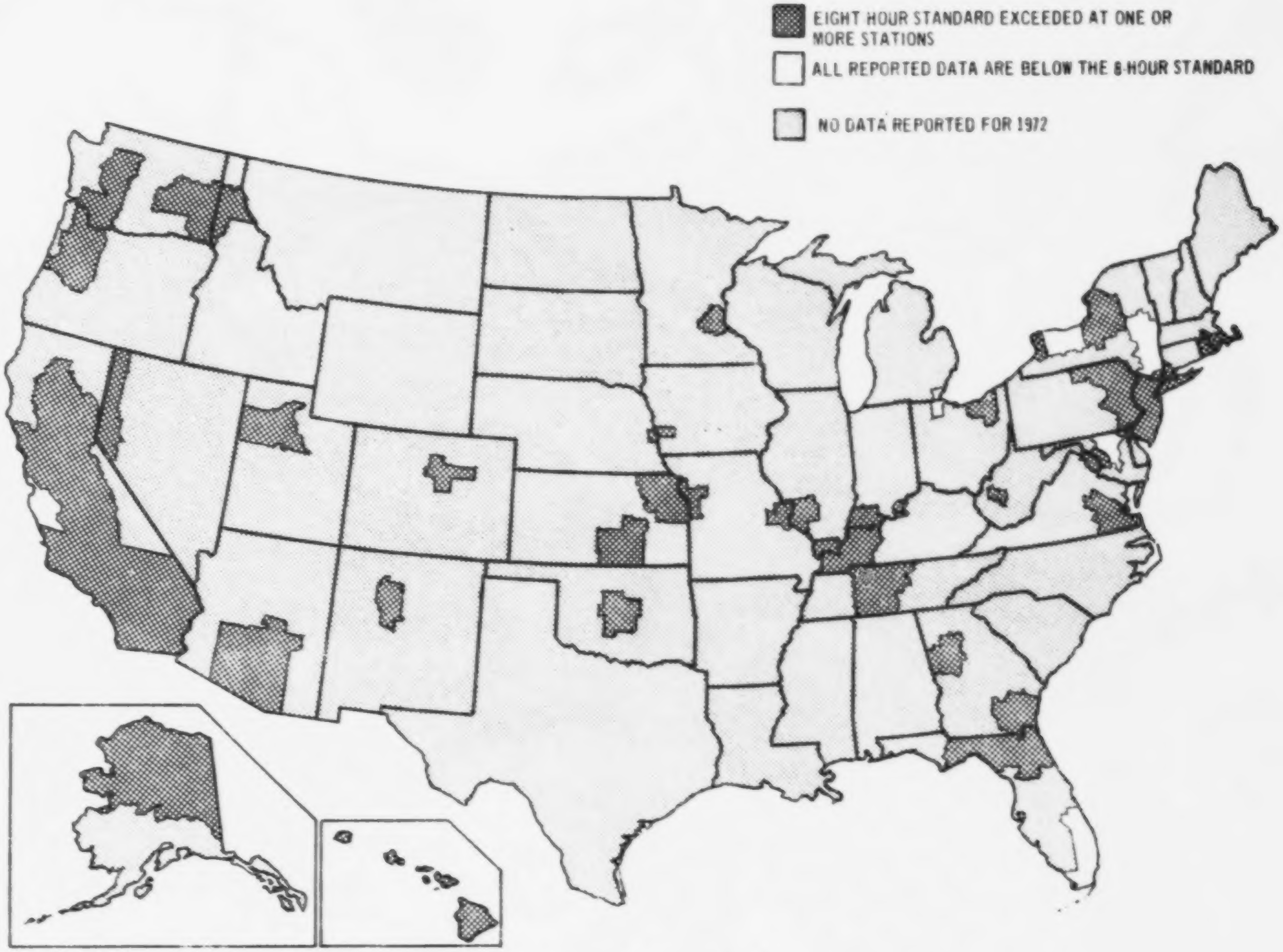

EIGHT HOUR STANDARD EXCEEDED AT ONE OR MORE STATIONS
ALL REPORTED DATA ARE BELOW THE 8-HOUR STANDARD
NO DATA REPORTED FOR 1972

Figure 3-3. Status of carbon monoxide levels, 1972.

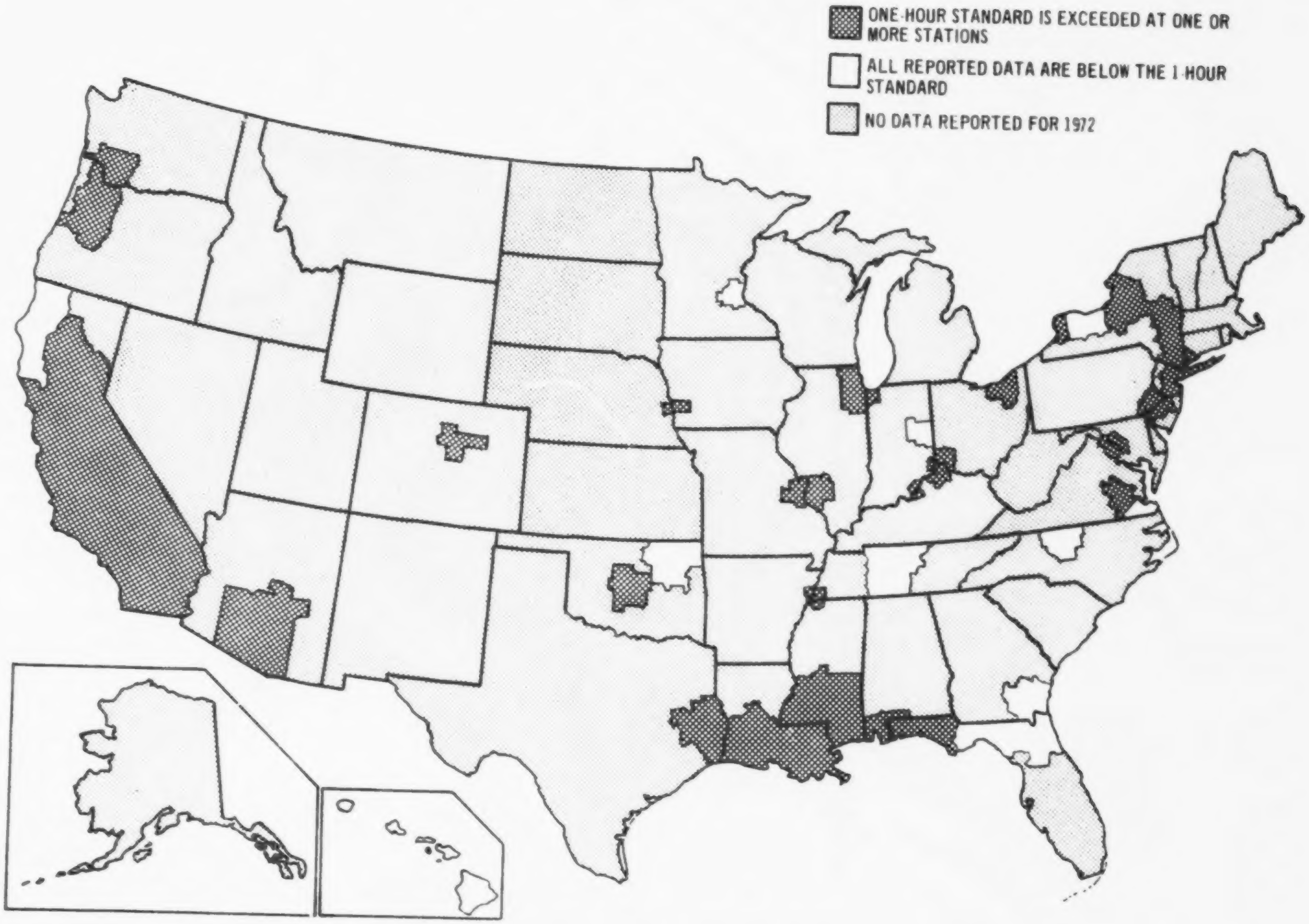

▨ ONE-HOUR STANDARD IS EXCEEDED AT ONE OR MORE STATIONS
☐ ALL REPORTED DATA ARE BELOW THE 1-HOUR STANDARD
▒ NO DATA REPORTED FOR 1972

Figure 3-4. Status of oxidants, 1972.

station. For more detailed information on the number of stations and quantity of reported data in specific AQCR's, see Table 3-7 and the Appendix. This table updates a similar table found in the National Air Monitoring Program Report[1] and contains corrected entries for the years 1969 through 1971.

The cross-hatched areas are the AQCR's or groups of AQCR's in which a standard has been exceeded.

The dotted areas are those for which no data (or less than a quarter's valid data) had been received as of September 1973.

Suspended particulates are seen to be still a pervasive problem, notwithstanding recently documented downward trends.

Sulfur dioxide levels above standards are occurring in relatively few cities and areas where large industrial sources are located.

Although data on carbon monoxide for 1972 are quite limited, it is noteworthy that the majority of operating stations are reporting values exceeding the 8-hour standard.

Data on oxidant concentrations are also limited, but a number of major population centers are reporting values above the standard.

3.2.3. Individual Stations Summary

A detailed summary, listing individual stations and their standings with respect to NAAQ, is presented in the Appendix. A separate table is presented for each pollutant measurement method. There are 10 tables in all: 4 for SO_2, 3 for oxidants, and 1 each for TSP, ozone, and CO. The station listings are in alphabetical order by AQCR. In the case of Interstate Regions, the listing of stations is also subdivided by State within each AQCR.

3.3. REFERENCE

1. The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Numbers EPA-450/1-73-00/a and EPA-450/1-73-00/b. August 1973.

4. TRENDS IN AIR QUALITY

Air quality trends are determined on a pollutant-by-pollutant basis. Although an assessment can be made of national trends for total suspended particulate, sulfur dioxide, and sulfates, there are limited historical data for carbon monoxide, nitrogen dioxide, and oxidant, on a national basis. Therefore, in the section dealing with the latter pollutants, two specific geographic areas--Los Angeles and selected cities in New Jersey-- were used. The techniques employed in analyzing the data are discussed with the analysis for each of the pollutants in the following sections.

4.1. TRENDS IN TOTAL SUSPENDED PARTICULATES

This section examines national trends by analyzing data collected through the National Air Surveillance Network, a Federally funded air quality monitoring network operated with the assistance and cooperation of State and local agencies. At NASN's inception, resource limitations dictated placement of only one station in each major urban area. Stations were located primarily in the downtown or center-city areas and, therefore, do not necessarily reflect the "worst" air quality to be found through heavily industrialized portions of these cities.

4.1.1. Nationwide Trends

Levels of total suspended particulate matter experienced a general decline at many urban areas across the nation during the 1960's. In comparison, only a minor overall change has been observed thus far during the 1970's. This is exemplified by the rather constant level in composite average TSP for 96 selected NASN locations with a long historical record (Figure 4-1). For these center-city urban sites, the composite average decreased from approximately 110 ug/m^3 in 1960 to 82 ug/m^3 in 1972, an overall decrease of approximately 25 percent.

The report, The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report,[1] discusses trends in total suspended particulates in considerable detail. It examines trends over three different time periods: 1960-1971, 1964-1971, and 1968-1971. Both the 12- and 8-year time periods indicate a long-term decline in levels of suspended particulate matter, whereas no significant net trend is discernible for the most recent 4-year period.

Further analysis of the 1968-1971 period indicates that downward trends are associated with higher concentrations in the base period ($\geq$ 90 $\mu g/m^3$), whereas the upward trends are associated with lower concentration levels ($<$ 90 $\mu g/m^3$). Therefore, locations with the worst problems have shown the most improvement, and the cleaner areas have shown a tendency toward degradation.

4.2. TRENDS IN SULFUR DIOXIDE

This section presents the trend in ambient sulfur dioxide concentrations. Thirty-two selected sites from the National Air Surveillance Network and sites from State and local air pollution agencies are utilized to provide a nationwide overview of the trends in SO_2 and a detailed discussion of the relationship between the observed trend in SO_2 and local regulations implemented to control sulfur emissions.

4.2.1. Nationwide Trends

As indicated in Reference 1, a nationwide decrease in ambient sulfur dioxide concentrations was observed throughout the stations of the NASN over the 8-year period 1964-1971. These decreases were most evident at the sites with the highest concentrations, which are characteristically situated in the northeastern and north central sections of the country.

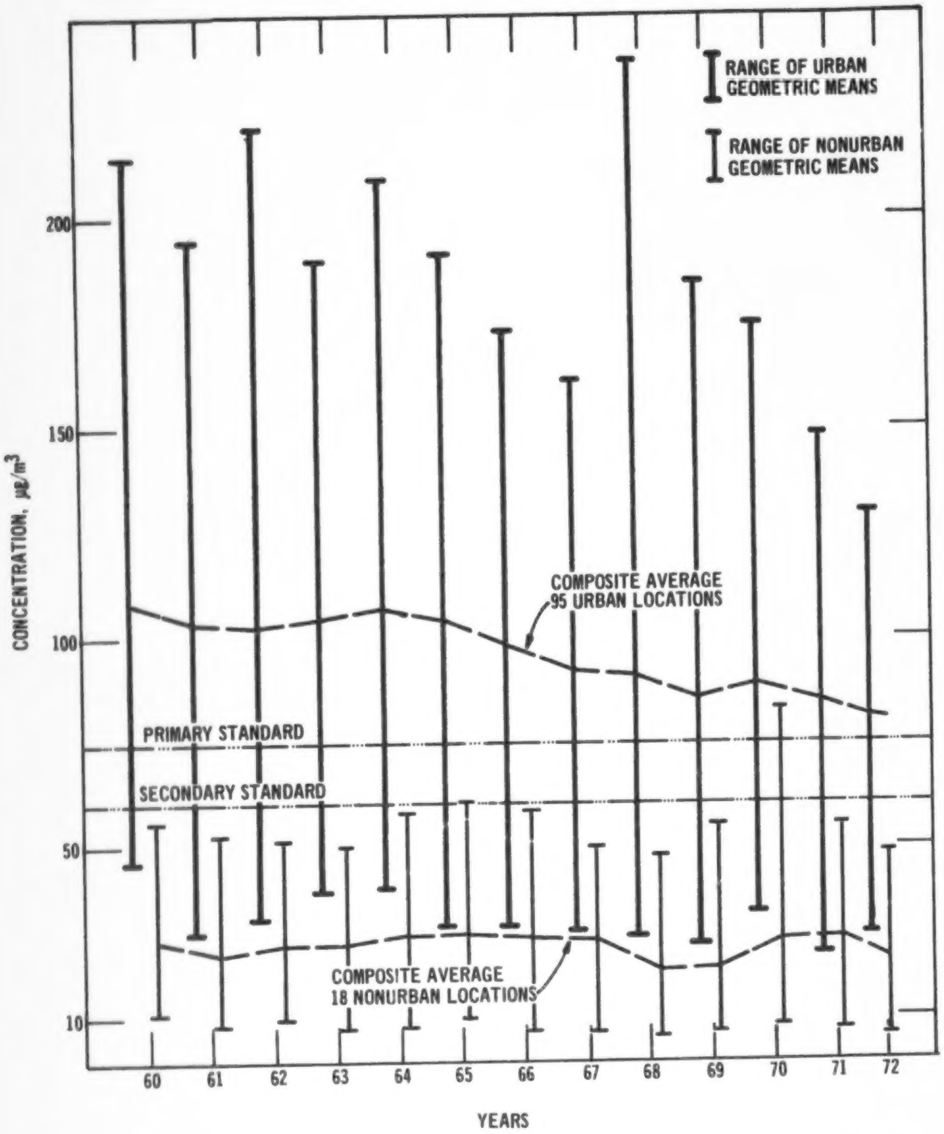


Figure 4-1. Composite levels of total suspended particulate at urban and nonurban NASN stations.

Examination of this trend in more detail reveals that decreases in ambient SO_2 were most noticeable during the beginning of the 1970's. Since that time, it can be generally stated that the trend has been relatively level in comparison to previous years.

Figure 4-2 presents a nationwide composite of annual average SO_2 at 32 NASN sites accompanied with the corresponding range of averages among the component sites. Although the composite 1972 level is slightly higher than in 1971, the levels are comparable to those of 1970 at many sites and are usually lower than the levels during the late 1960's.

Seven stations with the largest increase in SO_2 concentrations between 1971 and 1972 were selected for detailed examination. These stations exhibited a downward trend over the 1968-1971 period as reported in Reference 1. The SO_2 levels at the seven stations for the 1970-1972 period are shown in Table 4-1.

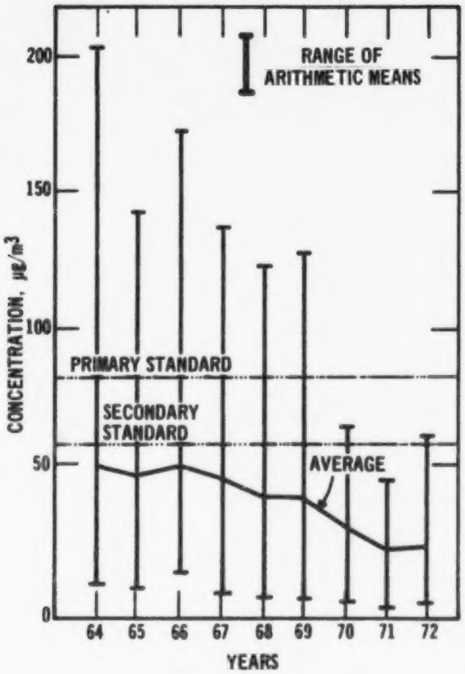


Figure 4-2. Composite levels of sulfur dioxide at 32 NASN stations.

Table 4-1. SO_2 ANNUAL ARITHMETIC MEANS FOR SELECTED NASN STATIONS, 1970-1972

$\mu g/m^3$

Station	1970	1971	1972
Hammond, Indiana	58	32	56
Evansville, Indiana	25	19	24
Covington, Kentucky	26	19	27
Baltimore, Maryland	54	29	48
Detroit, Michigan	38	12	42
Youngstown, Ohio	30	17	38
Pittsburgh, Pennsylvania	57	50	63

The apparent reversal is unexpected since sulfur content in fuels has generally decreased through regulatory actions. The most plausible explanation is a possible temporary increase in fuel use for space heating purposes. Since fuel use for space heating is a major component of the total fuel consumption (in the cities associated with these seven stations), an examination was made of the annual number of degree-days for the corresponding stations and years and the deviation from normal. These data are shown in Table 4-2. The fuel demand has been found through experience to be proportional to the number of degree-days for space heating purposes.

Table 4-2. TOTAL ANNUAL DEGREE-DAYS[a] FOR SELECTED NASN STATIONS, 1970-1972[b]
(percent above/below normal in parentheses)

Station	1970	1971	1972	Normal[c]
Hammond, Indiana	6178 (±0)	5851 (-5)	6789 (+10)	6155
Evansville, Indiana	4893 (+10)	4428 (±0)	4909 (+11)	4435
Covington, Kentucky	5037 (-4)	4819 (-8)	5474 (+4)	5265
Baltimore, Maryland	4622 (-1)	4401 (-5)	4703 (+1)	4603
Detroit, Michigan	6461 (+4)	5993 (-10)	6637 (+6)	6232
Youngstown, Ohio	6667 (+10)	6491 (+1)	7026 (+9)	6417
Pittsburgh, Pennsylvania	5393 (+2)	5291 (±0)	5448 (+3)	5291

[a] Total degree-days are the sums of the negative departures of average daily temperatures from 65 °F.

[b] Data from nearest National Weather Service Station.

[c] 30-year normals (1931-1960).

It appears significant that all seven stations exhibit a reversal in the year-to-year pattern of degree-days similar to the pattern in annual average SO_2 levels. Unlike the other 2 years, 1972 had uniformly higher-than-normal degree-day values. The other 2 years, 1970 and 1971, showed a slight tendency to be above and below normal, respectively.

The conclusions derived from the above analysis are that (1) the decrease in SO_2 between 1970 and 1971 was probably a true decrease, although the lower number of degree-days would indicate that the decrease may have been exaggerated slightly, and (2) the increases in SO_2 levels from 1971 to 1972 are more probably attributable in large measure to the increase in heating demand (corresponding to the upswing in the normal year-to-year fluctuation in heating degree-days) rather than a substantial alteration in fuel or source emission characteristics. Relaxation of some "clean-fuel" ordinances during the 1973-1974 winter may produce more substantial but, hopefully, temporary increases.

4.2.2. Comparison of Trends and Percent Sulfur Content Regulations in Distillate and Residual Fuel Oil for Selected AQCR's

The general decrease in SO_2 observed in center-city locations has been attributed to the implementation of local regulations scheduled to restrict sulfur content in fuels. A more detailed discussion of trends in SO_2 concentrations is presented for three metropolitan areas. These trends are broadly interpreted in light of the particular regulations for each area. The areas chosen depict air quality in Air Quality Control Regions with historically severe SO_2 problems: New Jersey-New York-Connecticut; Metropolitan Philadelphia; and Metropolitan Chicago.

4.2.2.1. New Jersey-New York-Connecticut Interstate AQCR

The impact of regulations controlling the sulfur content of fuels in the New Jersey-New York-Connecticut Interstate AQCR is demonstrated by SO_2 air quality monitored in Bayonne, New Jersey. This site was chosen because it has a complete record of SO_2 air quality dating from the mid-sixties through 1972.

The trend line seen in Figure 4-3 demonstrates the improvements in average SO_2 air quality. The trend line shows a significant decrease in SO_2 levels from a high of nearly 300

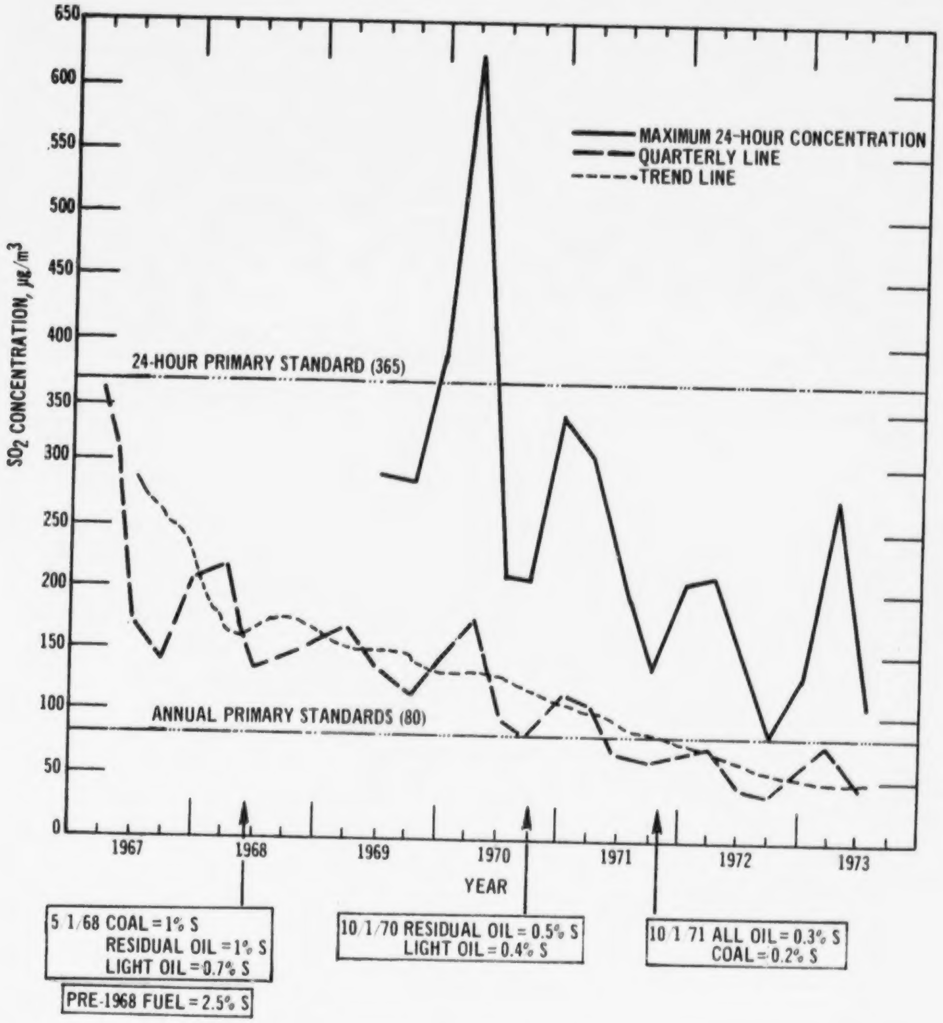


Figure 4-3. Comparison of SO_2 trends at Bayonne, New Jersey, with regulations governing percent sulfur content in fuel.

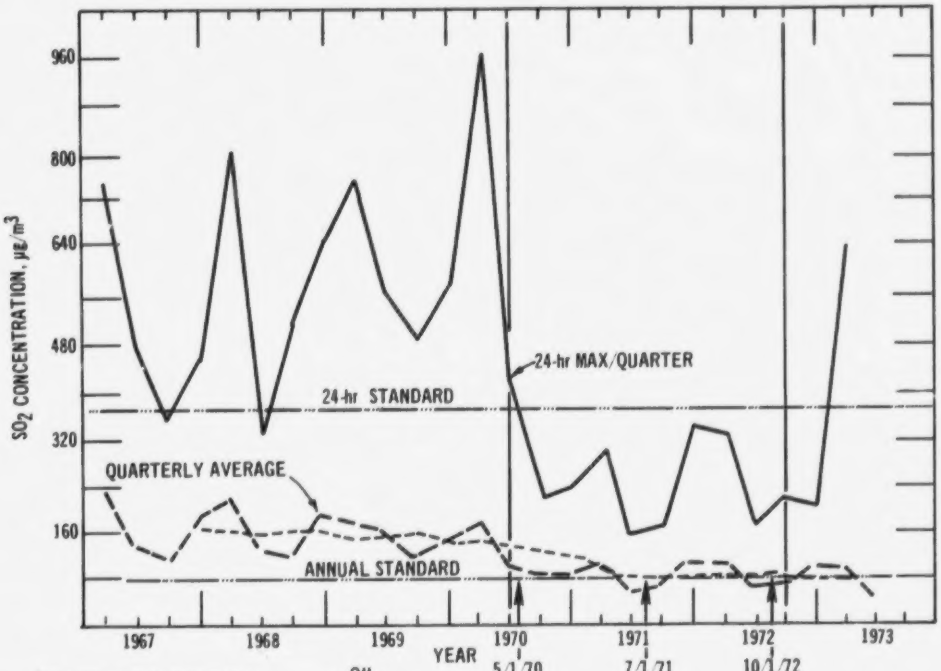
μg/m^3 in 1967 to a current low of approximately 50 μg/m^3. The quarterly SO_2 averages clearly fluctuate about the long-term trend line with peaks occurring in the winter months corresponding with peak heating demands. The short-term SO_2 concentrations (maximum 24-hour SO_2 concentration per quarter) are also improving. Concentration peaks which were were well over the standard in the winter of 1969-1970 have declined to values somewhat below the primary 24-hour standard in 1972.

The improvement in SO_2 air quality at this site can be attributed primarily to SO_2 regulations which have become effective in the states of New Jersey and New York. A significant improvement is noted between 1967 and 1968 when sizable shifts in the usage of high sulfur fuel oil and coal (~2.5% S) occurred. The fuel shift occurred in advance of the effective date of the regulations (May 1968) because fuel supplies were available to users somewhat earlier than the prescribed compliance date.

Additional regulations effective in October of 1970 and in 1971 in New Jersey limited the sulfur content of all fuel oil to 0.3 percent or less. The latter step of these regulations has resulted in air quality at the Bayonne site slightly below the primary standards. A similar trend has occurred in the New York City area. Overall, however, the SO_2 air quality standards have not been achieved in spite of current sulfur restrictions requiring fuel oil sulfur content to be no greater than 0.3 percent.

4.2.2.2. Metropolitan Philadelphia Interstate AQCR

Figure 4-4 depicts the seasonal and long-term pattern of SO_2 air quality in Philadelphia monitored at the laboratory station of the Department of Public Health. The graphs consist of average and maximum 24-hour SO_2 concentrations by calendar quarter. They both clearly indicate the typical pattern of higher concentrations in the winter quarters (first and fourth) and lower concentrations in the summer quarters.



OIL	5/1/70	7/1/71	10/1/72
FUEL OIL NO. 5 AND 6	1.0%		0.5%
FUEL OIL NO. 4	0.7%		0.4%
FUEL OIL NO. 2	0.3%		0.3%
COAL			
BITUMINOUS	2.0%	1.0%	0.3% *
ANTHRACITE	0.7%		0.3% *

* BITUMINOUS AND ANTHRACITE COAL OF THIS SULFUR CONTENT ARE NOT BEING USED BECAUSE OF SCARCITY.

Figure 4-4. Comparison of SO_2 trends in Philadelphia with regulations governing percent sulfur content in fuel.

Trends in average concentrations, as exemplified by a moving average of four calendar quarters, show concentrations decreasing by 50 percent from the 1967-1968 level of 160 μg/m^3 to the current air quality level of 80 μg/m^3. The maximum 24-hour concentrations have experienced a similar decline.

The observed decreases in the average SO_2 concentrations appear to coincide with the implementation of local regulations which restrict the sulfur content in fuel. The first concentration decrease closely followed the May 1970 regulation which established a maximum limit of 1 percent sulfur in residual oil and coal, and 0.3 percent sulfur in distillate fuel. The annual average SO_2 continued to decline until it leveled off at the NAAQS in the second quarter of 1971. It then remained at that level for the next 2 years. After the implementation of the second sulfur regulation in October of 1972, which limited residual oil to 0.5 percent S and distillate fuel and coal to 0.3 percent S, the average air quality appeared to continue to improve. Prior to the implementation of the May 1970 sulfur regulation, the short-term, 24-hour NAAQS had been consistently violated at levels of more than twice the primary standard. Subsequently, the observed maximum 24-hour levels have decreased significantly.

A violation of the standard did not occur again until January 1973 when a 24-hour level of 637 μg/m^3 was observed. Although the increase was apparently attributable to adverse meteorological conditions, it did occur despite the reduction in sulfur emissions created by the sulfur regulation of October 1972.

4.2.2.3. Metropolitan Chicago Interstate AQCR

The Chicago NASN No. 02 site (Figure 4-5) shows the same general decline in SO_2 levels that has been seen at sites throughout this region. The slight upturn in the fourth quarter of 1972 is due primarily to a single high observation. Data from other sites indicate that the steady decline in SO_2 levels is being maintained.

As shown in Table 4-3, restrictions on sulfur content in fuels has been accomplished through a series of regulations that began in 1970 for the various sources. Prior to that time,

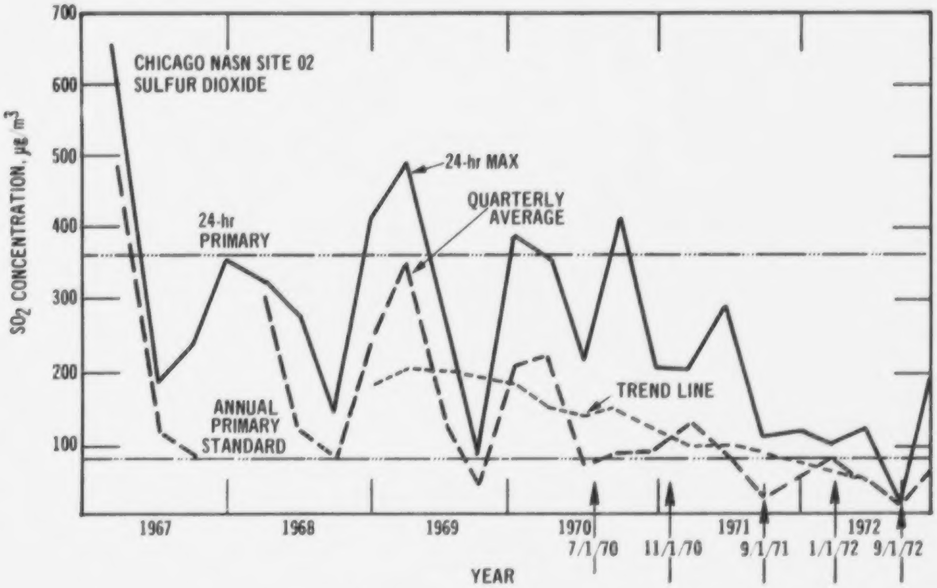


Figure 4-5. Comparison of SO_2 trends in Chicago with regulations governing percent sulfur content in fuel.

Table 4-3. SUMMARY OF CHICAGO CITY REGULATIONS ON SULFUR CONTENT OF ALL FUELS (percent)

Effective date	New area sources	Existing area sources	Industrial combustion	Utility power
7/1/70	1	2	2	1.8
11/1/70			1.5	
9/1/71		1.25		
1/1/72				1
9/1/72	1	1	1	1

regulation of emissions came under somewhat general public nuisance laws. The City of Chicago has indicated that the enforcement of all existing regulations has been extensive.

In addition to these basic regulations concerning sulfur content of fuels, there has been significant fuel switching in the area. According to the Chicago Department of Environmental Control, the strategy is to convert small users from coal to either gas or oil. Coupled with this is a policy of denying gas to large users who are capable of using other control methods. There has also been a significant change in the mix of fuels used by utilities. From 1967 to 1971, coal usage decreased 19 percent, whereas oil and gas usage increased dramatically. The net effect of these fuel switches by utilities has been estimated at a 25 percent reduction in emissions. For example, the Crawford Utility Plant in downtown Chicago switched from predominantly coal usage to gas during this period with an estimated 77 percent reduction in emissions.

Thus, the steady decline in SO_2 levels in this area may be viewed as the result of a sequence of steps that have been implemented to reduce emissions.

4.3. TRENDS IN SULFATES AS RELATED TO TOTAL SUSPENDED PARTICULATE AND SULFUR DIOXIDE

While no standard presently exists for sulfates, information is now emerging from the Community Health Effects Surveillance System* that human respiratory disease is more closely associated with sulfates than with sulfur dioxide. The levels of suspended sulfates necessary to cause adverse health effects have been found to be an order of magnitude lower than the levels of sulfur dioxide or total suspended particulates required to produce similar effects.[2] Laboratory studies conducted with animals[3] have shown that, in terms of comparative toxicity, sulfuric acid and some metallic sulfate compounds such as zinc ammonium sulfate are more potent irritants than sulfur dioxide. For these reasons, this section will present a nationwide overview of temporal and spatial variation of sulfates by considering long-term trends in annual means, and geographical patterns among average sulfate concentration levels. These results are placed in perspective by examining some of their interrelationships both with patterns of the total suspended particulate matter and sulfur dioxide, and with some factors influencing sulfate formation.

A major portion of the sulfate ion fraction in total suspended particulate matter samples is commonly assumed to originate with the burning of sulfur-bearing fossil fuels, refining and smelting operations, either emerging directly as some sulfate compound or more likely evolving from gaseous SO_2 or SO_3 through atmospheric reactions. There is also evidence that ambient SO_2 in the air stream of a hi-vol sampler reacts with material being collected on the filter and remains to slightly inflate the apparent particulate sulfate fraction. In any case, reasonably good correlations would be expected between sulfur dioxide and the sulfate fraction, and between total suspended particulates and the sulfate fraction. Such relationships were inferred from early NASN data.[4,5] In light of the recently assessed downward trends in total suspended particulate matter and SO_2 in urban areas,[1,6] one might expect a corresponding decline in the amount of sulfate in the particulate samples. The results of this study, based on data from 62 sites over the years 1964 through 1970, do not bear out that expectation. In the majority of instances, the quantity of sulfate in the hi-vol samples has remained essentially unchanged. Moreover, sulfate concentrations seem to be somewhat independent of ambient sulfur dioxide concentrations at individual locations and can be better described by the concentration of total suspended particulates and the general geographic locality of the monitoring station.

4.3.1. Statistical Methodology

The sites considered in this analysis were chosen from the National Air Surveillance Networks which have at least 6 years of valid† sulfate data during the 7-year period, 1964-1970.

---

*The Community Health Effects Surveillance System (CHESS) is operated by the Human Studies Laboratory, National Environmental Research Center, Environmental Protection Agency, Research Triangle Park, N. C.

†A year of valid data connotes adequate annual coverage consisting of at least five observations per calendar quarter.

The study was limited to this particular time frame because of availability of comparable information on ambient sulfur dioxide and recent sulfate measurements. Annual mean concentrations were utilized in the data analysis of long-term trends. The parameters considered were annual geometric mean sulfate concentrations, annual geometric mean TSP, the ratio of mean sulfate to mean TSP (reflecting the geometric mean sulfate percentage of the TSP), and arithmetic mean SO_2.

Long-term temporal patterns were established on the basis of statistical correlation of the annual pollutant level with time. The Spearman correlation coefficient, one based on the relative rankings of the observations, was used to provide the necessary indication of increasing or decreasing patterns. Use of such a non-parametric measure of correlation precluded the necessity for any particular transformation of the data which could have imposed unnecessary assumptions on the analysis. The use of the Spearman coefficient for examination of association with time is referred to as the Daniels Test for Trend. Statistically significant correlations of the annual level with time are indicative of consistent (but not necessarily linear) changes and are used in the analysis to indicate relative numbers of increasing and decreasing trends at individual locations. The total number of sites with either positive or negative correlations with time, regardless of the statistical significance level, is used to constitute the total number of increasing and decreasing patterns and, as such, provides a broader generalization about the national sample.

4.3.2. Comparison of Long-Term Trends in Sulfates, Total Suspended Particulate, and Sulfur Dioxide

With few exceptions, annual sulfate levels have essentially stayed unchanged during a period that evidenced numerous downward trends in TSP and SO_2. In effect, the observed decreases in TSPconsisted of changes in the non-sulfate portion of the TSP; as a consequence, the sulfate percentage of the total suspended particulate had consistently increased during the study period 1964-1970.

Of the 62 urban sites examined which had at least six annual means of TSP and $SO_4^=$ for the 7 years of the study period, 23 sites (37 percent) showed significant* downward trends in TSP. In fact, almost all (95 percent) had downward patterns and none were significantly increasing. At a subset of these sites where appropriate analyses could be made, SO_2† evidenced similar behavior as indicated in Table 4-4. On the other hand, only nine sites (15 percent) had significant trends in sulfates, some increasing and some decreasing. The sites that experienced the declines in sulfates had the more highly significant trends of the group and, in most cases, had accompanying downward trends in SO_2 and TSP. Conversely, sulfates basically stayed unchanged at a majority of locations that experienced significant declines in sulfur dioxide or TSP. In fact, there is one instance where an upward trend in sulfate existed in spite of downward trends in both TSP and SO_2.

Although correct classification of trends at some specific locations may be suspect, the character of the overall national sample remains clear. With only a few possible exceptions, sulfates have not experienced a sustained change in the concentration levels that existed in the period 1964-1970. At some locations, sulfate concentrations experienced wide variation from one year to the next, whereas others remained remarkably constant. The coefficient of variation ranges from 5 percent to 85 percent; the median coefficient of variation is around 18 percent.

The independent temporal behavior of sulfates as compared with the total suspended particulate matter and ambient sulfur dioxide is also exemplified by the temporal change in the annual sulfate percentage of the total particulate. In almost all cases, its overall pattern was increasing, and was statistically significant at 16 sites (26 percent). An extreme example occurred when the sulfate percentage of TSP increased despite a significant decrease in both TSP and SO_2, as well as a decrease in the quantity of sulfates.

---

*Trend is defined as significant association at $\alpha/2 = 0.05$ level.

†Site was included for trend assessment with at least four annual means of SO_2.

Table 4-4. LONG-TERM TEMPORAL PATTERNS IN SULFATES AS COMPARED WITH TRENDS IN TSP AND SO_2, 1964-1970

	Sulfate	TSP	TSP, % sulfate	SO_2
	Number of stations			
Increasing patterns[a]	30	3	55	3
Trends				
Marginally significant[b]	2		12	
Significant[c]	3		4	
Other increasing patterns	25	3	39	3
Decreasing patterns[d]	31	59	5	20
Trends				
Marginally significant		6		1
Significant	4	17		5
Other decreasing patterns	27	36	5	14
No change[e]	1		2	1
Total	62	62	62	24

[a] Spearman correlation > 0.

[b] 0.05-0.10 level.

[c] 0.05 level.

[d] Spearman correlation < 0.

[e] Spearman correlation = 0.

4.3.3. Comparison of Yearly Changes in Sulfates and Sulfur Dioxide Between 1969 and 1970

Because of the limited number of stations with concurrent SO_2 and sulfate data considered thus far, a separate but larger sampling of NASN stations was evaluated for examination of the relationship between changing levels in sulfate and ambient sulfur dioxide. The directions of change between 1969 and 1970 annual mean concentrations of the pollutants were compared among 63 NASN stations. The results, shown in Table 4-5, demonstrate that relatively no association exists between changes in these two pollutants on an individual site-by-site basis. The results also indicate that, despite a decrease in SO_2 at the vast majority of stations, sulfates have increased equally as often as they have decreased.

It is apparent that, although the annual levels of the TSP and SO_2 have declined, the sulfate fraction has not declined, and may have even occasionally increased. In effect, the emission regulations designed to reduce TSP and SO_2 have not always had the same effect on the sulfate fraction of the total particulate.

4.3.4. Geographic Relationships

For the purpose of deriving some nationwide generalizations, geographic patterns of the 62 select site locations with respect to characteristic sulfate levels have been examined for any possible associations with the previously discussed temporal relationships.

4.3.4.1. Sulfates and Total Suspended Particulate

Typical sulfate concentrations and percentages of the total particulate are described by their most recent 3-year averages (1968-1970). The average urban sulfate concentrations

Table 4-5. ASSOCIATION OF YEAR-TO-YEAR CHANGE BETWEEN SO_2 AND SULFATE STATIONS, 1969-1970

	Sulfates			
	Increase	No change	Decrease	Total
Sulfur dioxide				
Increase	2		4	6
No change	2	1	2	5
Decrease	19	9	24	52
Total	23	10	30	63

ranged from 2 $\mu g/m^3$ to 26 $\mu g/m^3$. The average percentages of the total particulate ranged from 3 percent to 21 percent.

There are several fairly well defined geographical clusters of sites characterized by similar sulfate percentage of TSP and by average sulfate concentrations. Stations exhibiting increasing and decreasing patterns appear to be distributed among each of these geographical clusters. Figures 4-6a and 4-6b depict the geographical distribution of sulfate levels and corresponding percentages of the TSP, respectively.

Sites in the same state and, in general, in the same section of the country tend to agree in both the average sulfate particulate percentage and the concentration levels. The highest levels of sulfates, both in percentage of TSP and average concentration, are situated in the industrial northeastern section of the United States bordered by the Mississippi River. In general, the sulfates are lowest in concentration west of the Mississippi River, particularly in the western mountain states.

The sulfate percentages of the total particulate clearly exhibit further characteristics of separation. The sites east of the Mississippi appear to cluster into at least two major groups. One group consists of the region containing the New England and Mid-Atlantic States, with sulfates constituting about 15 percent or more of the total particulate. The second group consists of the north-central region around the Great Lakes, where the sulfate percentage of TSP is typically 9 to 11 percent.

4.3.4.2. Sulfates and Sulfur Dioxide

There is also general agreement between levels of particulate sulfate, ambient sulfur dioxide, and SO_2 emissions. The highest SO_2 levels, both in ambient concentrations and in emission densities, are found in the industrial northeast sector of the country. This sector's total sulfur oxide emissions account for nearly 50 percent of the national total. Outside the northeastern region, both ambient SO_2 concentrations and emission densities are contrastingly lower. Northeastern sites, however, exhibit considerable site-to-site variability in annual average SO_2 concentrations. Nevertheless, sites with lower average SO_2 levels comparable to areas outside the northeast still maintain relatively high average sulfate concentrations.

4.3.4.3. Trends and Geography

Although sulfate levels and proportions vary according to geography, their year-to-year temporal patterns seem to be somewhat independent of such a macro-generalization. One state, New Jersey, has both an upward-trend location as well as two locations with downward trends in sulfate concentrations. Both sites with downward trends, however, are situated in a single AQCR, whereas the site with the upward trend is in another AQCR.

The sites that experienced significant increases in the sulfate percentage of TSP were distributed throughout the United States, as were sites with decreasing trends in the TSP.

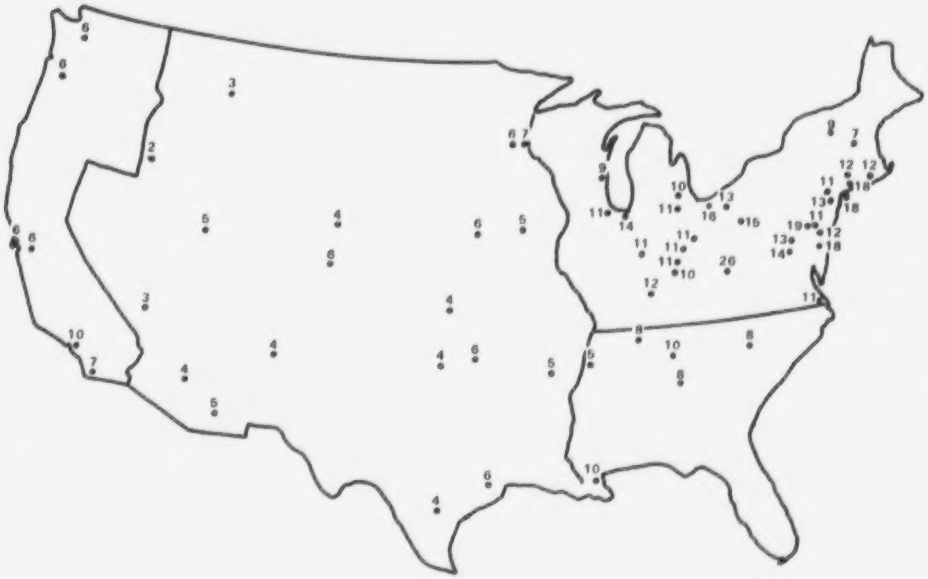

6
6
3
9
7
6 7
2
12
12
9
11
10
18
13
13
11
16
18
11
14
15
11
19
6
5
4
5
6
8
12
11
11
13
18
11
14
6
11
10
26
12
3
4
11
8
10
8
10
7
4
4
6
5
5
4
5
6
10
6
4

Figure 4-6a. Nationwide distribution of average sulfate concentrations, 1968-1970.

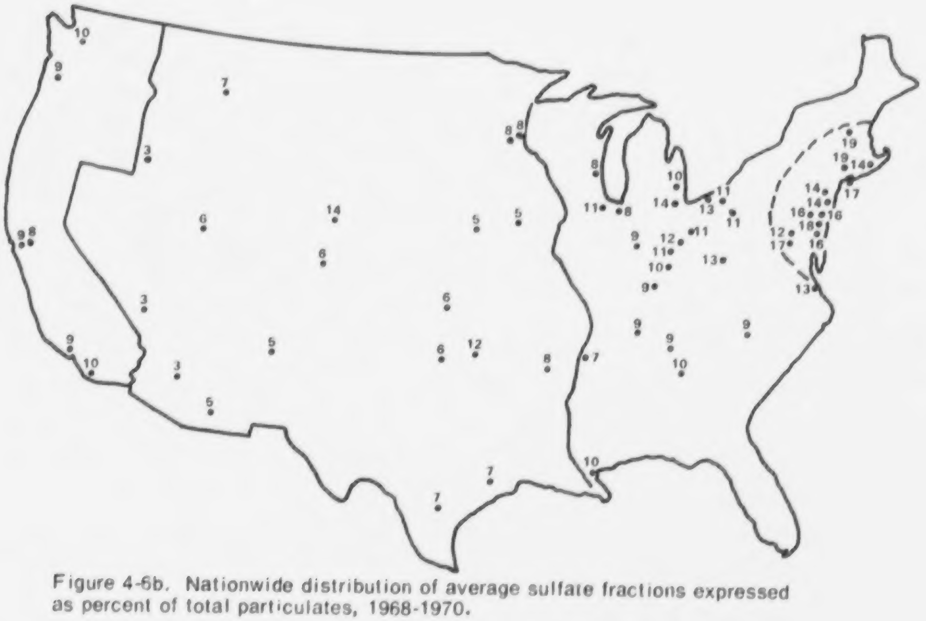

10
9
7
8 8
3
19
19
14
8
10
17
14
11
14
11
8
14
13
16
16
6
14
5
5
11
18
9 8
9
12
11
12
11
17
16
6
10
13
9
13
3
6
9
9
9
5
6
12
8
7
9
10
3
10
5
10
7
7

Figure 4-6b. Nationwide distribution of average sulfate fractions expressed as percent of total particulates, 1968-1970.

There are too few sites with statistically significant trends in sulfate concentration to warrant any generalization.

4.3.5. Discussion of Results

Factors identifying the actual formation of particulate sulfate and its relationship to sources of sulfur dioxide and other sulfur-bearing compounds must be identified to further pursue this absence of trend in the particulate sulfate fraction.

Although sulfate concentrations have basically remained unchanged while ambient levels of SO_2 and TSP have declined in center-city locations, there is still significance in the broad geographic similarity that exists between overall ambient concentration levels of sulfur dioxide, the sulfate fraction of the TSP, and area-wide SO_2 emission densities.

This is suggestive of different spatial distributions of emissions around center-city locations or different transport mechanisms affecting the source-receptor relationships between ambient sulfur dioxide and particulate sulfate.

Sulfur oxide emissions generated at ground-level area sources such as residential and commercial space heating have a much larger impact on local ambient SO_2 levels than the same emissions from an elevated point source. Moreover, large point sources such as power plants are frequently not able to locate near or in center-city areas. Although strict local regulations have limited the use of high-sulfur content fuels in residential and small commercial sources, contributing to the downward trend in ambient SO_2, total SO_x emissions from fuel combustion in power plants and industrial plants and other industrial processes have increased. These are the sources that contribute to most of the total SO_2 emissions.[5]

Because most particulate sulfate is probably generated by atmospheric reaction of SO_2, the influence of more distant SO_2 emissions on sulfate concentrations could satisfactorily explain both the general geographic similarity of sulfate levels and the apparently contrasting behavior of ambient SO_2 and sulfate concentrations. Detailed information on SO_2 emissions and a dense network of ambient air sampling stations would be required for conclusive verification.

4.3.6. Extrinsic Sulfate Formation on Glass Fiber Filters

It has been demonstrated[8] (Lee and Wagman) that significant amounts of extraneous sulfate can be formed on the glass fiber filters utilized by the hi-vol sampler. Presumably, the extrinsic sulfate formation is a product of oxidation of adsorbed sulfur dioxide. This phenomenon, however, should not affect the conclusions of the trend analysis, although observed concentrations may be somewhat inflated. Lee and Wagman found that the amount of extrinsic sulfate ranged from 12 to 16 percent of the total sulfate collected. It appears that the extrinsic portion of the total sulfate is truly multiplicative rather than a constant additive component. This suggests that factors conducive to the generation of the extrinsic sulfate, such as humidity, would also be associated with the formation of the actual true ambient sulfate. A declining availability of SO_2 above some minimum required threshold concentration could, at most, cause an apparent decrease in observed sulfates; this in fact was observed only infrequently.

The real significance of this phenomenon is the possibility that total sulfates collected by NASN can lead to overestimation of true atmospheric sulfate by as much as 16 percent. Moreover, when sulfates constitute a sizable proportion of the total suspended particulate, the TSP could be overestimated as well. In the industrial northeast, where sulfates typically constitute 10 to 20 percent of the TSP, extrinsic sulfates may constitute as much as 3 percent of the total collected material.

4.3.7. Summary and Conclusions

The sulfate portion of TSP remained essentially unchanged at the majority of sampling stations from 1964 through 1970 in spite of concurrent decreases both in TSP and SO_2. Since it has been assumed that a significant portion of sulfate compounds originate with the major sources of particulate or SO_2 either directly or through atmospheric reactions working on the SO_2, the relatively constant level of sulfates presents something of a mystery. The circumstances responsible for these sustained levels of sulfates must be better understood before effective control strategies for sulfates can be developed.

4.4. TRENDS IN CARBON MONOXIDE, NITROGEN DIOXIDES, AND OXIDANT

This section discusses trends in carbon monoxide, nitrogen dioxide, and oxidant. At the present time there are limited historical data for these pollutants on a national basis. The limited extent of the data can be seen by examining Table 3-7. For this reason, the approach employed is to consider two specific geographical areas, Los Angeles and selected sites in New Jersey. In general, the state of California has submitted extensive data to the National Aerometric Data Bank concerning these pollutants from their long-standing monitoring program. The Los Angeles area was selected because this region has a large number of sites and is therefore amenable to both spatial and temporal analysis. To complement the discussion of this west coast region, three sites in New Jersey are also examined to indicate comparable patterns in a different geographical region.

Both regions employed the nondispersive infrared measurement method for carbon monoxide and the Saltzman method for nitrogen dioxide. The oxidant data from California were obtained using an instrumental colorimetric neutral KI method, whereas the New Jersey data were obtained using an instrumental alkaline KI method.

4.4.1. Methodology

There have been numerous studies of trends in air quality, and a variety of statistical techniques have been employed. Since the emphasis in this report is descriptive, a major factor considered in selecting a technique was the clarity of visual presentation. For this reason, the Whittaker-Henderson Type A curve-smoothing technique was chosen.[9] This is a mathematical technique for curve-smoothing and has been used previously in summarizing air quality trends. This technique provides a convenient means of graphically illustrating trends.

4.4.2. General Patterns

Although each site has its own particular pattern, it is possible to make certain generalizations regarding the trends for these pollutants. The specific patterns in each area are discussed in more detail in the following sections.

Figures 4-7 and 4-8 graphically present the data used in this analysis. For each site, a graph is presented showing monthly average carbon monoxide levels, monthly average nitrogen dioxide levels, and monthly maximum 1-hour oxidant levels. Superimposed on each of these graphs is the smooth curve resulting from the Whittaker-Henderson technique. While detailed examination of these graphs is not essential in understanding this report, it would provide background material.

From these graphs, it is apparent that each pollutant has certain characteristic patterns. Seasonality is evident in most of the graphs. Oxidant peaks in the summer months, and nitrogen dioxide and carbon monoxide peak during the winter. As an example of the consistency of these patterns, Figure 4-9 depicts the seasonal variability at the West Los Angeles site for nitrogen dioxide and oxidant. This graph presents a seasonal smoothing curve for both pollutants plotted versus an arbitrary concentration scale. This is sufficient to indicate the consistent seasonality in the data. In addition to these seasonal patterns, there are trend components in the data that are briefly summarized below.

Overall, carbon monoxide averages have decreased notable after 1968. As a consequence, the frequency of excursions above the 8-hour primary standard has dropped appreciably since 1968. A corresponding reduction in 1-hour maximum concentrations, however, has not always been achieved.

Trends in annual average for nitrogen dioxide showed a mixture of patterns. Whereas the three New Jersey sites reported marginal declines, the predominant pattern in the Los Angeles area was increasing.

Oxidant concentrations have shown a general decline since the late 1960's. Although oxidant is an area-wide pollutant, the discussion of Los Angeles indicates the variability of patterns that co-exist within a fairly specific geographical area.

4.4.3. Los Angeles

This analysis discusses 12 sites in the Los Angeles area having historical data for all three pollutants (CO, NO_2, O_x). The geographical locations of these sites are shown in

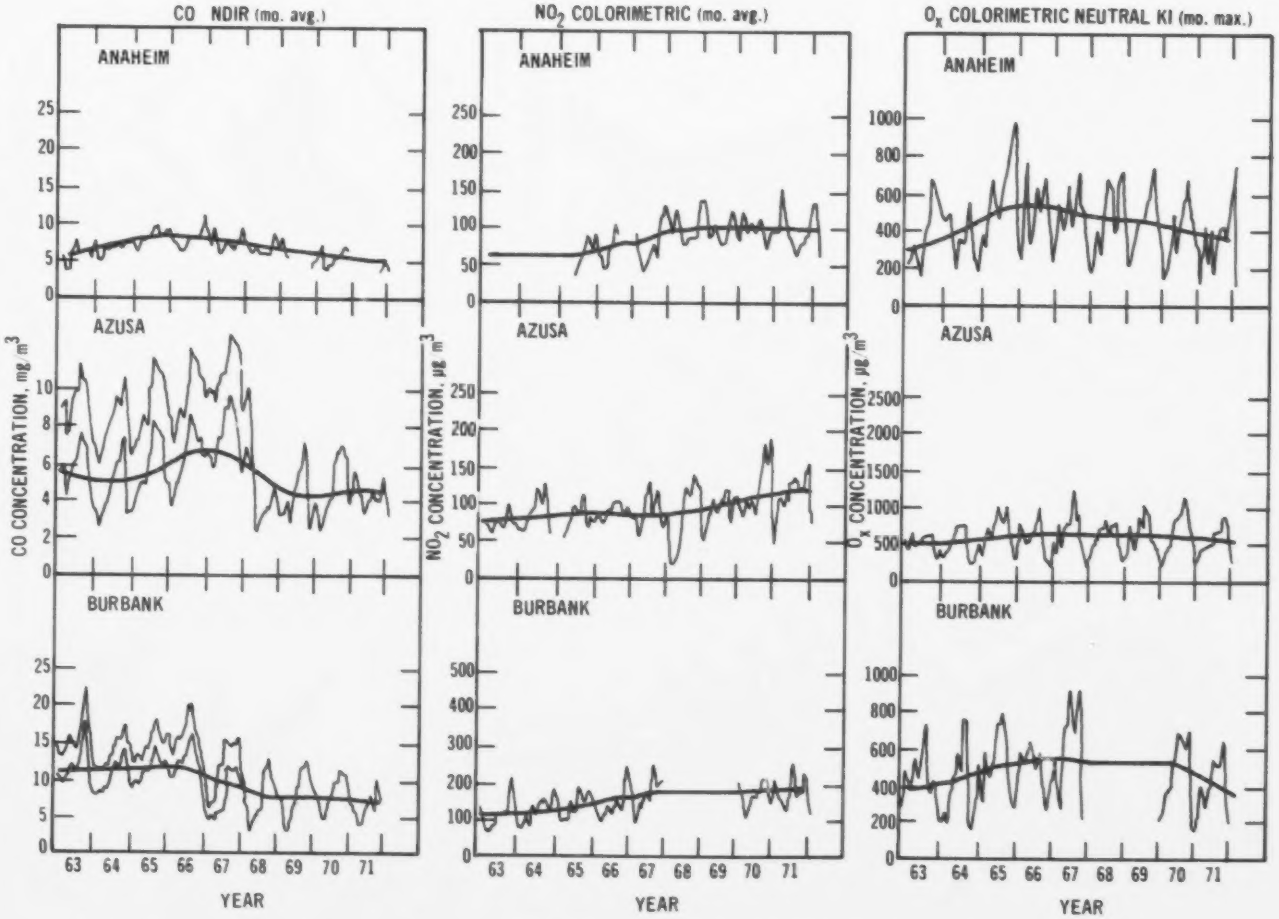


Figure 4-7. Graphs of instrumental analyses of CO, NO_2, and O_x for selected sites in Los Angeles area at 25 °C.

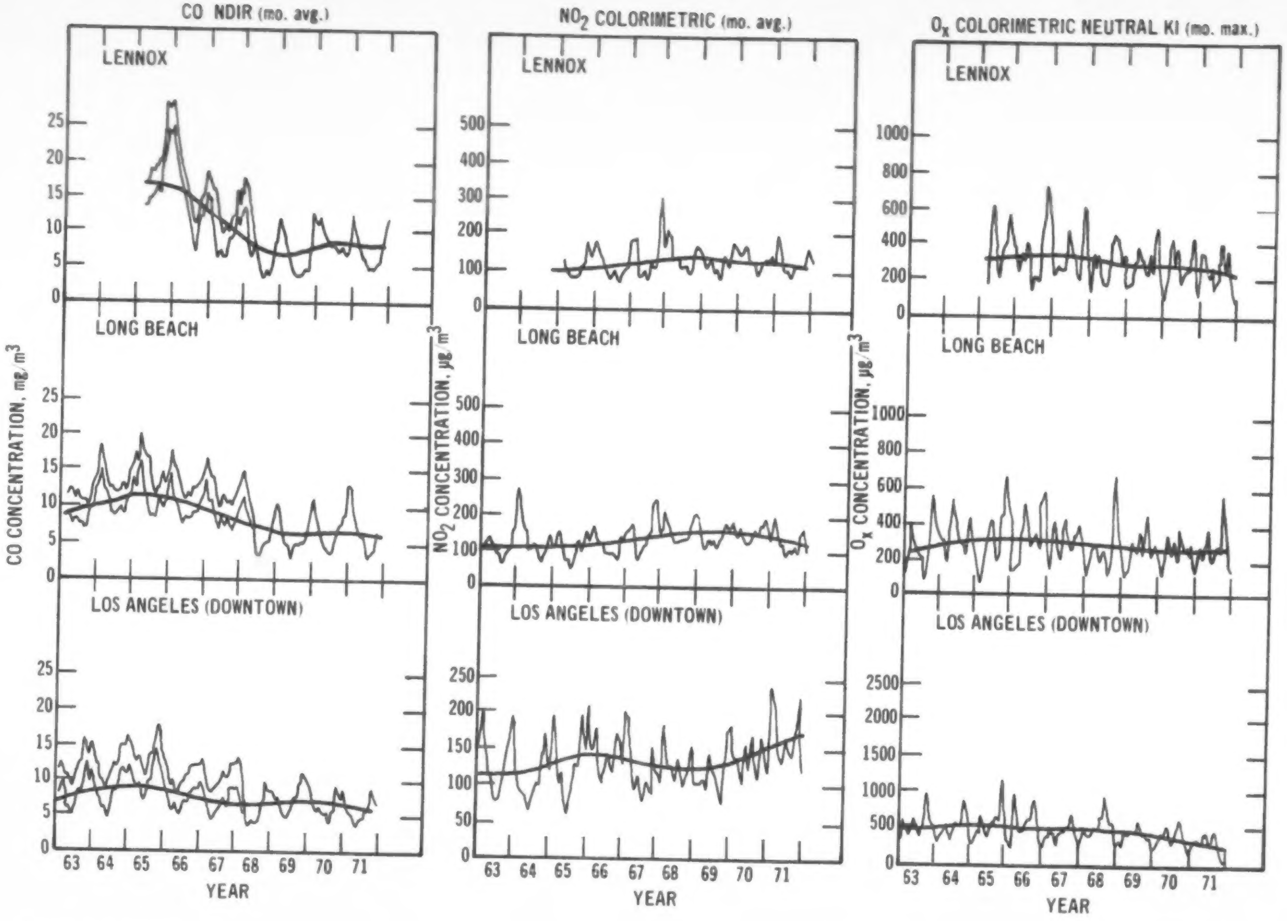


Figure 4-7 (continued). Graphs of instrumental analyses of CO, NO_2, and O_x for selected sites in Los Angeles area at 25 °C.

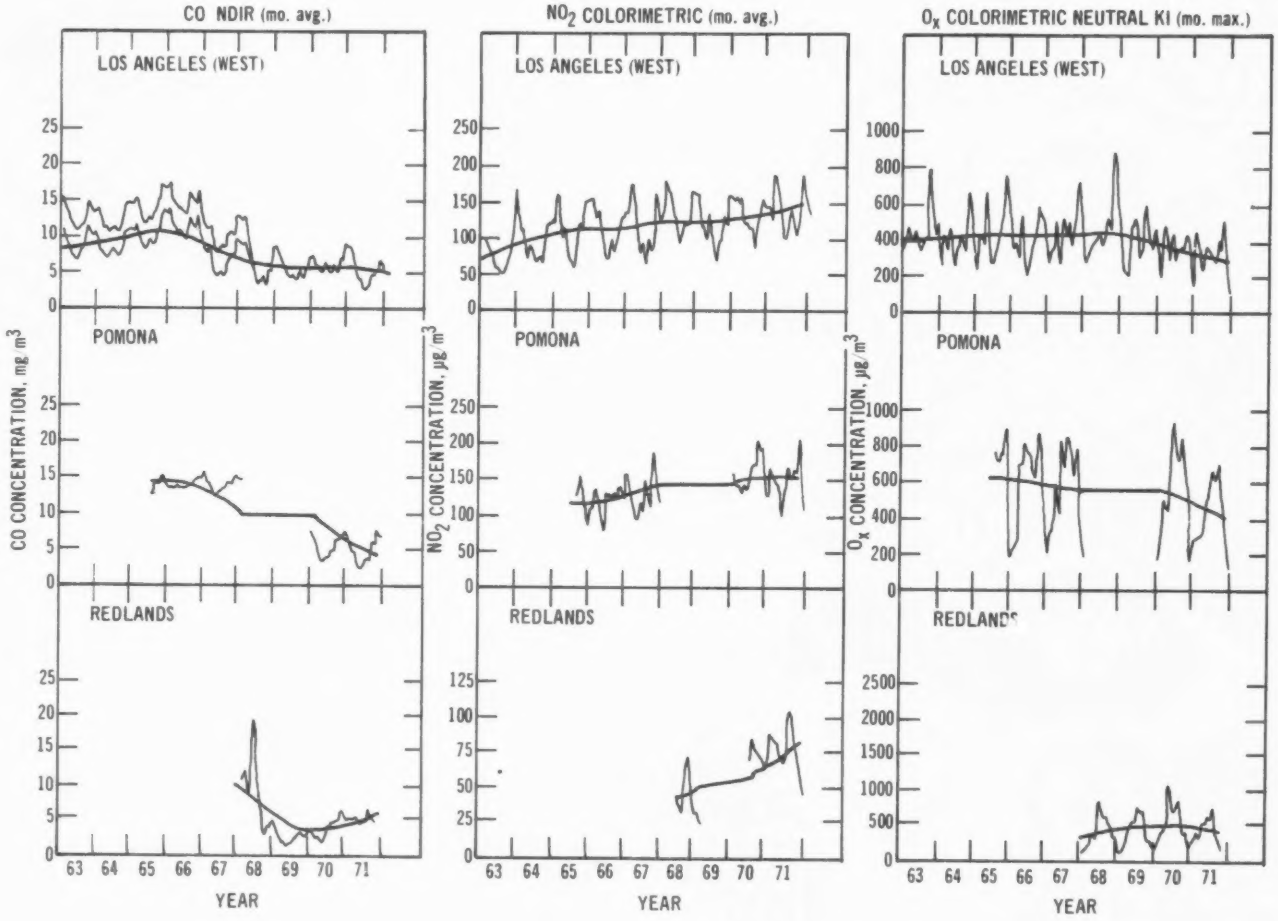


Figure 4-7 (continued). Graphs of instrumental analyses of CO, NO_2, and O_x for selected sites in Los Angeles area at 25 °C.

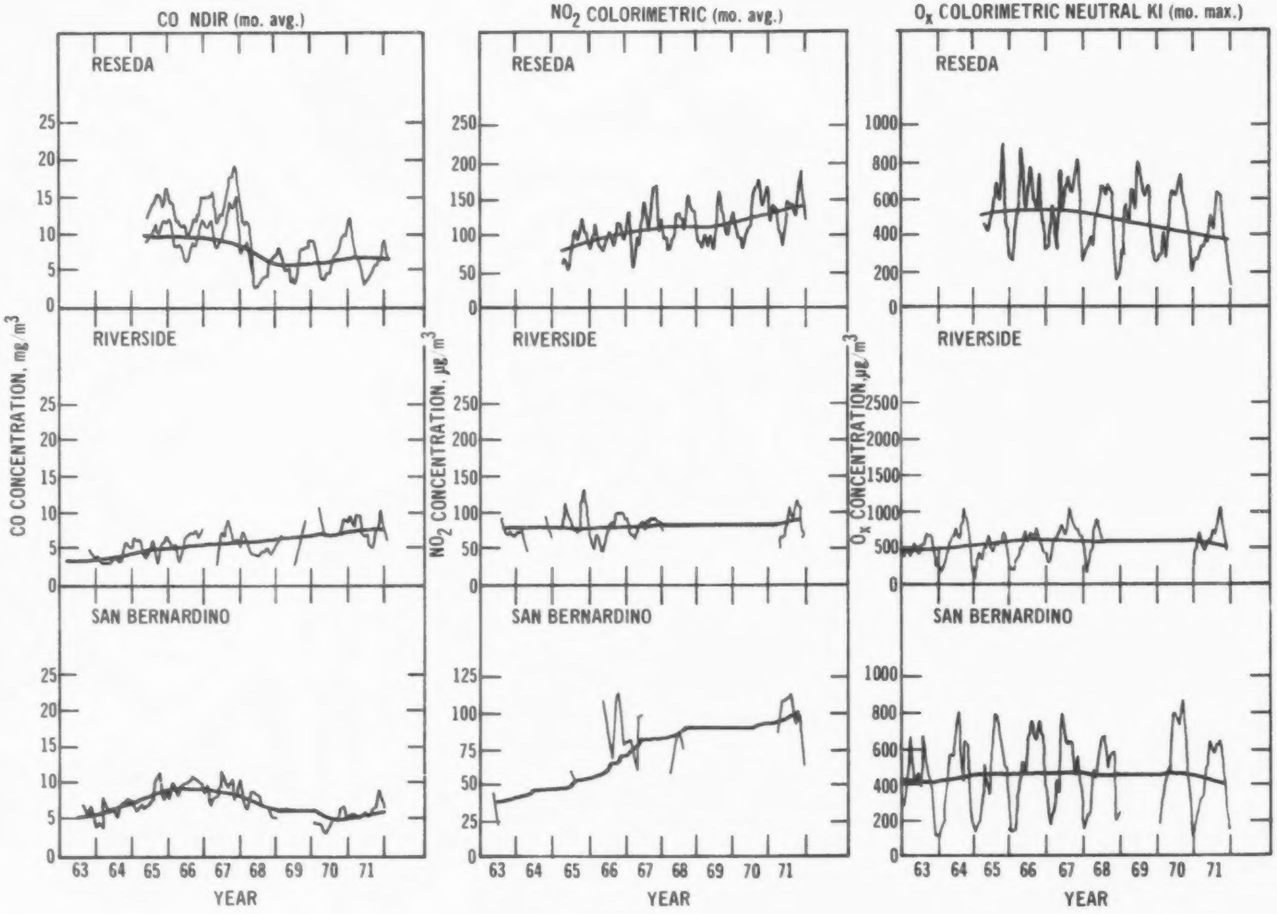


Figure 4-7 (continued). Graphs of instrumental analyses of CO, NO_2, and O_x for selected sites in Los Angeles area at 25 °C.

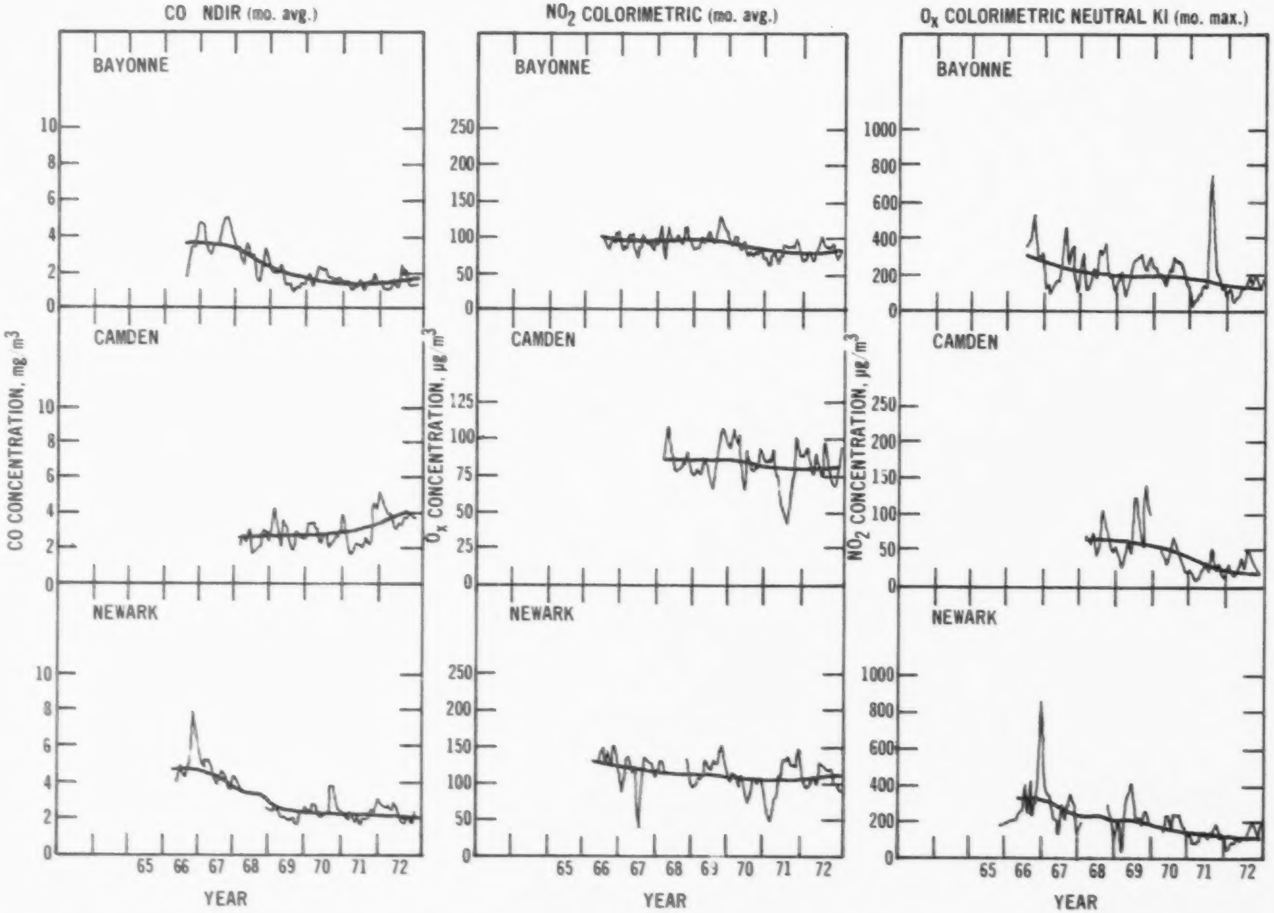


Figure 4-8. Graphs of carbon monoxide, nitrogen dioxide, and total oxidants for selected sites in the State of New Jersey.

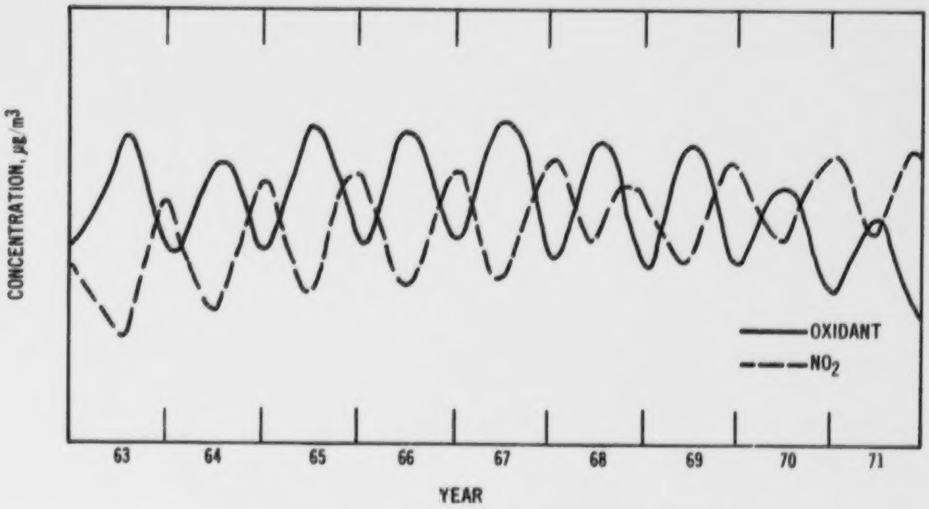


Figure 4-9. Seasonal patterns of NO_2 and oxidant at the West Los Angeles Station, 1963-1971.

Figure 4-10. The Los Angeles Air Quality Control Region has been designated as a Priority I region for these three pollutants, indicating high ambient concentrations.

The predominant pattern for carbon monoxide in this area shows a pronounced decline in average concentration; the Riverside site has shown an increase. Despite this general improvement, carbon monoxide levels are still high relative to the national 1-hour standard at some sites and to the 8-hour standards at most sites. The general downward trend in oxidant levels shows an improvement since the late 1960's, with the degree of improvement being less pronounced for sites in the Riverside area. As with carbon monoxide, despite the overall downward trend in oxidants, many of the sites remain well above the national standard.

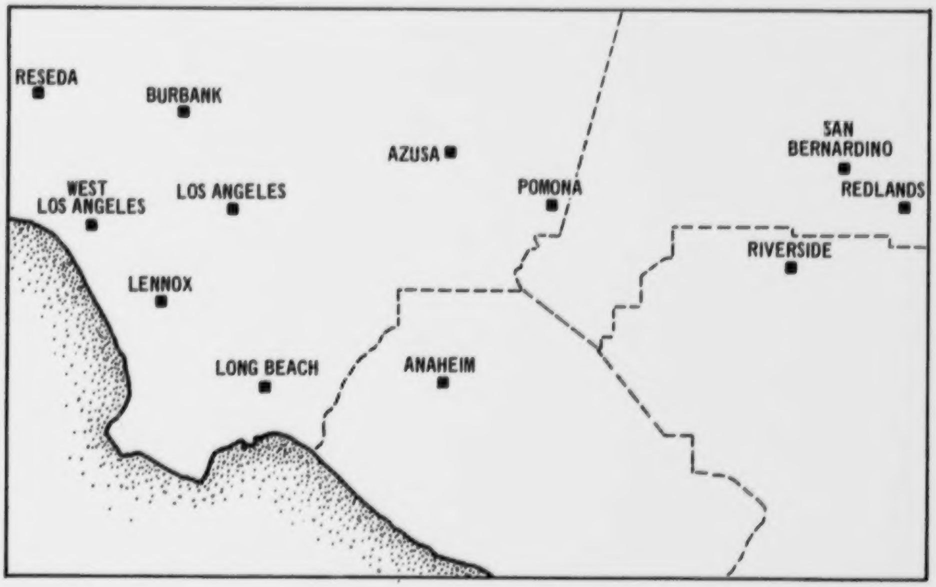

RESEDA
BURBANK
AZUSA
SAN BERNARDINO
WEST LOS ANGELES
LOS ANGELES
POMONA
REDLANDS
RIVERSIDE
LENNOX
LONG BEACH
ANAHEIM

Figure 4-10. Location of air monitoring sites in Los Angeles area.

In contrast to the improvement in air quality shown for carbon monoxide and oxidant, the nitrogen dioxide levels in this region have been rising fairly consistently. With these general patterns in mind, the next sections discuss more specific trends for each pollutant.

4.4.3.1. Carbon Monoxide Trends in Los Angeles

Trends in carbon monoxide concentrations are predominantly downward throughout the Los Angeles air basin, but display some similarities and differences according to general spatial proximity.

Table 4-6 presents the percentage of daily excursions above the national 8-hour standard of 10 mg/m^3 for sites within and outside Los Angeles County.

The greatest improvement in average concentration and corresponding frequency of excursions above the 8-hour standard has been demonstrated by the monitoring data within Los Angeles County. It must be noted, however, that a modification was made to the Los Angeles County CO instruments in April 1968 to eliminate water vapor interference. The Los Angeles County Air Pollution Control District estimates that its reported concentration of carbon monoxide prior to April 1968 at all locations in Los Angeles County may be biased upward from 1 to 4 ppm (1.1 to 4.6 mg/m^3); the actual amount in this range is dependent on the absolute humidity at the time of measurement.

Because of this problem with the data from Los Angeles County, the data prior to April 1968 are presented in Figure 4-7 as an interval defined by the reported levels minus the maximum bias.

Table 4-6. PERCENTAGE OF DAILY EXCURSIONS[a] ABOVE THE 8-HOUR CARBON MONOXIDE STANDARD OF 10 mg/m^3 IN LOS ANGELES COUNTY, 1963-1971

Location	Year								
	63	64	65	66	67	68	69	70	71
Burbank	86-100	61-99	81-100	93-100	58-97	49-54	52	56	34
Lennox			99-100	79-100	56-99	47-50	37	55	42
Long Beach	49-99	78-100	78-100	65-100	42-98	41-44	28	37	32
Downtown L.A.	58-97	54-95	78-99	43-90	40-87	40-48	51	40	32
West L.A.	59-99	53-97	72-100	77-99	32-82	42-43	26	35	21
Reseda			75-100	49-96	79-97	34-43	38	44	35
Pomona			62-100[b]	60-100	58-100	30-39	19	30	18
Azusa	7-71	4-47	11-71	17-76	29-96	11-30	9	8	5
Anaheim	16	20	47	34	33	25	26[b]	28	16[b]
Redlands					64[b]	52	1	7	7
Riverside	3	1	13	24	27	11	18[b]	40[b]	59
San Bernardino	13	17	41	79	63	46	10	11	16

[a] Due to instrumental modification in April 1968, range of annual excursions is provided for sites in L.A. County for 1963-1968.

[b] Denotes incomplete annual coverage.

Similarly, Table 4-6 presents a range of percentages of the annual frequency of excursions above the national 8-hour standard for the cities within Los Angeles County. The interval is defined as the frequency of excursions above the 8-hour standard of 10 mg/m^3 and above 14.6 mg/m^3 which is the standard plus the maximum instrument bias.

In spite of instrument modification, there has still been a clear decline in CO concentrations in Los Angeles County. This decline has produced a substantial reduction in frequency of excursions above the 8-hour standard even after taking instrument bias into consideration.

The monitoring sites in the eastern counties of the area display a different picture. The reported average concentrations at these sites were notably lower than those initially observed at the sites within Los Angeles County. Also, the eastern county sites do not demonstrate the same marked seasonal patterns in average concentration. Anaheim and San Bernardino show some variation in the overall long-term trend, but have not appreciably changed over the 10-year period. Riverside, on the other hand, has displayed an increasing pattern over the entire period and, as such, stands uniquely alone. It can be noted that Azusa possesses a transitional pattern with similarities to both the sites in Los Angeles County and in the outlying counties.

The overall trends in the maximum 1-hour concentrations are similar to the trend in average concentration, but its overall long-term pattern is not as pronounced. The monthly variation in 1-hour maximum concentrations, however, displays a more pronounced seasonality than the corresponding average concentrations, especially in sites outside Los Angeles County.

Many, but not all, sites in the basin have historically exceeded the annual 1-hour standard of 40 mg/m^3. Table 4-7 presents the annual maximum 1-hour value during 1963-1972, monitored at the selected sites throughout the area. Downtown Los Angeles, West Los Angeles, and Burbank have recently dropped below the standard; Reseda dropped below the standard in 1972. The Lennox site, which has historically experienced some of the highest

Table 4-7. ANNUAL MAXIMUM 1-HOUR CARBON MONOXIDE VALUES IN THE LOS ANGELES AIR BASIN, 1963 - 1972

(mg/m^3)

	Year									
Location	63	64	65	66	67	68	69	70	71	72
Anaheim	30	25	37	40	35	32	62[a]	23	28[a]	39
Azusa	31	29	23	22	24	23	22	18	23	16
Burbank	78	43	46	46	48	53	62	53	37	35
Lennox			68	58	59	62	75	55	56	45
Long Beach	43	40	39	38	40	38	43	51	47	28
Los Angeles (Downtown)	48	54	44	41	46	53	45	43	35	39
Los Angeles (West Los Angeles)	51	52	60	52	51	46	48	38	39	25
Pomona			29[a]	35	26	25	31	33	26	25
Redlands					26[a]	29	23	22	21	23
Reseda			51	51	48	47	52	62	43	39
Riverside	20[a]	18	28	25	25	26	28[a]	35[a]	35	29
San Bernardino	24	28	40	38	31	30	25	23	21	20

[a] Denotes incomplete annual coverage.

1-hour concentrations, has shown little change in this parameter and is the only site still above the 1-hour standard. All remaining sites, which are situated inland to the east, have not historically had a problem with levels exceeding the 1-hour standard and are all currently in compliance.

4.4.3.2. Nitrogen Dioxide Trends in Los Angeles

Although the general trend for average NO_2 levels in the Los Angeles area was indicated as being upward, there is a mixture of patterns within the region. The Anaheim, Lennox, and Long Beach sites experienced a slight rise from levels in the mid-1960's, but have been relatively stable since the late 1960's. It may be seen in Figure 4-10 that these three sites are in the same general geographical area. While discussing the general trend, it should be noted that the Redlands, Riverside, and San Bernardino sites are not complete for all years, and thus trend determination for this geographical grouping is not that definite. Despite the leveling-off phenomenon exhibited by some sites, the Azusa, Reseda, and West Los Angeles sites show a consistent increase since approximately 1965. In contrast, the downtown Los Angeles site shows an overall increase with a slight decline during the late 1960's, but a marked increase during 1970-1971.

4.4.3.3. Oxidant Trends in Los Angeles

As indicated previously, the general trend in oxidant levels in the Los Angeles area has been downward since the late 1960's. This area has been the subject of numerous studies, and the California Air Resources Board has recently published a report discussing these trends over the past 10 years. A variety of parameters can be used in presenting oxidant data. The ones chosen for this report are the maximum hourly value for each month and the number of times the national 1-hour standard was exceeded on an annual basis. Although these parameters afford convenient summaries, it is important to realize that meteorology is a critical component in determining the overall trend. Thus it is possible that an apparent downward oxidant trend is the result of a temporary favorable shift in meteorological conditions rather than of control actions.

Although not discussed explicitly in this report, there have been studies incorporating the role of meteorology, and these studies have substantiated the general pattern of improvement.

Oxidants have pronounced diurnal and seasonal patterns, as may be seen in Tables 4-8 and 4-9, which summarize the number of hours the national standard was exceeded by month and time of day for the downtown Los Angeles and the Riverside sites for 1971. The diurnal pattern is readily apparent, and the marginal totals indicate the seasonality. These tables also indicate the spatial variation within a region with respect to the magnitude of the problem. The Riverside site exceeds the national standard with much greater frequency than the downtown Los Angeles site. Thus, even though oxidant is an area-wide pollutant, there can be considerable spatial variability within a limited geographical region.

This variability is also exhibited in the varying trend patterns. Whereas sites in the western and southern portions of this region show marked improvement since the late 1960's, the sites in the northeastern section have not shown as clear a shift.

Table 4-10 indicates the number of times the national standard was exceeded at each site on an annual basis. Since the national standard may be exceeded only once per year, this table shows that, despite the marked improvement, the oxidant problem in this region is still serious.

4.4.4. New Jersey

This section discusses trends in carbon monoxide, nitrogen dioxide, and oxidant at three locations in New Jersey: Bayonne, Camden, and Newark, indicated in Figure 4-11. Although all three sites are operated by the state of New Jersey, they represent two different Air Quality Control Regions. The Camden site is in the Metropolitan Philadelphia AQCR; the other two are in the New York City AQCR. The comments regarding spatial variability in the Los Angeles area indicate the dangers inherent in using one or two sites to determine trends

Table 4-8. NUMBER OF HOURS ABOVE OXIDANT STANDARD BY MONTH AND TIME OF DAY AT DOWNTOWN LOS ANGELES STATION, 1971

	Time																								
	A.M.												P.M.												
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	Total by month
January													1	2	2	3									8
February												1	4	4	4	3									16
March										1	1	1	3	3	2	1									12
April											4	6	8	8	7	7	3	1							44
May												3	4	4	3	1	1								16
June									1	2	9	9	12	12	11	6	2	1							65
July										2	13	19	18	15	11	4		1							83
August										2	8	17	16	16	7	3	1								70
September										3	6	10	10	10	6	1									46
October											2	7	5	9	6	2									31
November													1	1											2
December																									0
Total by hour									1	10	43	73	82	84	59	31	7	3							393

NOTE: No. of times standard exceeded:
<20 0
11 - 20 11
6 - 10 18
1 - 5 42

Table 4-9. NUMBER OF HOURS ABOVE OXIDANT STANDARD BY MONTH AND TIME OF DAY AT THE RIVERSIDE STATION, 1971

	Time																								
	A.M.												P.M.												
	12 M	1	2	3	4	5	6	7	8	9	10	11	12 N	1	2	3	4	5	6	7	8	9	10	11	Total by month
January													1	5	8	8	6	6	1						35
February												2	7	7	9	14	10	6	3						58
March	1	1								2	3	9	10	14	16	15	13	13	8						105
April										4	7	8	9	13	13	13	8	6	2	1					84
May										5	7	12	15	14	14	12	12	9	5	2					107
June								1	6	13	21	22	24	25	25	24	24	19	13	11	4	2			234
July										15	26	27	30	30	31	31	30	23	17	7					267
August									4	14	27	31	31	31	31	31	27	21	18	8	3				277
September									4	13	18	23	26	25	27	25	26	24	13	7	2	1	1	1	236
October										1	6	7	8	8	10	14	11	11	6	1	1				84
November												2	6	7	7	11	5	1							39
December																									0
Total by hour	1	1						1	14	67	115	143	167	179	191	198	172	139	86	37	10	3	1	1	1526

NOTE: No. of times standard exceeded:

>20	30
11 - 20	30
6 - 10	32
1 - 5	31

Table 4-10. NUMBER OF TIMES NATIONAL OXIDANT STANDARD WAS EXCEEDED AT LOS ANGELES COUNTY SITES, 1963 - 1972

	Year									
Location	63	64	65	66	67	68	69	70	71	72
Anaheim	402	365	896	720	685	575	560	370	226	249
Azusa	1190	1349	1520	1636	1537	1397	1361	1531	1227	1082
Burbank	641	645	1176	1199	1344			1052	808	701
Lennox			272	209	265	171	180	132	100	32
Long Beach	121	157	202	190	131	62	72	53	78	30
Los Angeles (Downtown)	921	896	986	1163	896	768	703	602	393	516
Los Angeles (W. Los Angeles)	741	547	762	714	848	650	624	447	235	176
Pomona			882[a]	1376	1322			1152	760	775
Redlands					27[a]	1015	848	1111	942	834
Reseda			1094	1486	1369	1098	1284	1119	908	753
Riverside	1432	1551	1246	1244	1666	397[a]			1526	1000[a]
San Bernardino	1155	1222	1065	1262	1217	1009		1206	1025	691

[a] Denotes incomplete annual coverage.

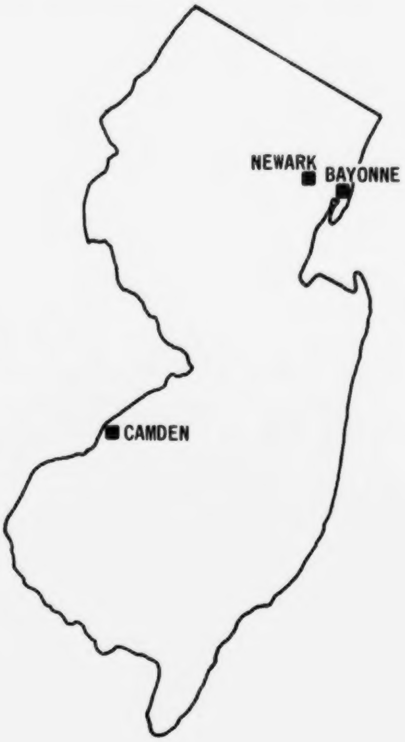


Figure 4-11. Location of air monitoring sites in New Jersey.

and status for an entire AQCR. Nevertheless, the discussion of these sites serves to complement the previous treatment of the Los Angeles sites.

As with the Los Angeles sites, the Bayonne and Newark sites showed a decline in the late 1960's in average carbon monoxide concentration. The Camden site showed an upward trend in the early 1970's but there are no data prior to 1968 from which to determine the pattern in the late 1960's. The average nitrogen dioxide levels at all three sites have shown a slight decline during this period and there has also been a marked decline in oxidant levels.

4.4.4.1. Carbon Monoxide Trends in New Jersey

Trends in carbon monoxide in the state of New Jersey are examined for the period 1966 through 1972. Table 4-11 presents the annual frequency of daily excursions above the 8-hour standard. Changes in average CO concentrations depicted in Figure 4-10 generally correspond to the frequency of excursions.

Table 4-11. ANNUAL FREQUENCY OF DAILY EXCURSIONS ABOVE THE 8-HOUR CARBON MONOXIDE STANDARD OF 10 mg/m^3 AT THE NEW JERSEY SITES (percent)

	Year						
Location	66	67	68	69	70	71	72
Bayonne	3[a]	2	a,b	1	0	b	0
Newark	90	84	40	14	28	20	22
Camden			2	2	4	4	7

[a] Denotes incomplete annual coverage.

[b] Less than 0.5 percent.

Both parameters have substantially declined from 1966-1968 at the N.J.-N.Y.-Conn. AQCR sites in Newark and Bayonne, and have since remained fairly stable. Although the Newark site has experienced concentrations twice that of the Bayonne location, each site has displayed a similar pattern. On the other hand, the Metropolitan Philadelphia AQCR site at Camden has displayed a slight increase in average CO and a corresponding increase in the frequency of 8-hour excursions since 1968. The validity of this apparent upward trend can not really be assessed because pre-1968 data were unavailable.

Maximum 1-hour concentrations at all three locations have been below the 1-hour standard of 40 mg/m^3 in recent years, as indicated in Table 4-12. A decrease in the magnitude of annual 1-hour concentrations has been observed at the sites in Newark and Bayonne.

4.4.4.2. Nitrogen Dioxide Trends in New Jersey

While all three sites show a slight long-term downward trend, the 1971-1972 data indicate a stabilization, and any trend determination appears marginal. Average levels at all three sites are closely comparable; the Newark site is slightly above the annual standard, and the Bayonne site is slightly below the standard, and the Camden site is still lower.

4.4.4.3. Oxidant Trends in New Jersey

While the general decline in oxidant levels at all three sites is seen in comparing the maximum hourly values on a monthly basis, the extent of the decline is even more apparent when considering the number of times the national standard was exceeded. Figure 4-12 summarizes these results by time of day, and it is apparent that the improvement in air quality with respect to oxidants is uniform throughout the entire diurnal pattern.

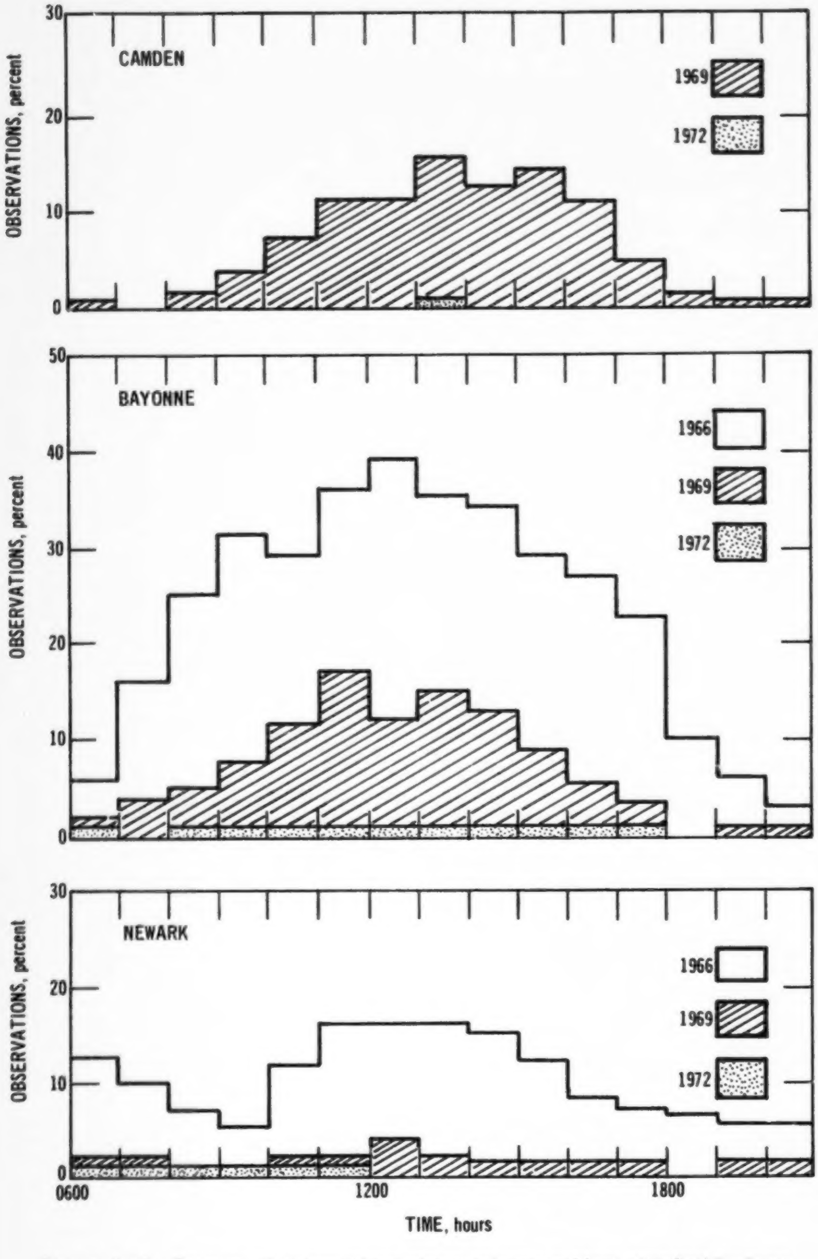


Figure 4-12. Percent of observations above primary oxidant standard by hour (May-October) at Camden Station between 1964 and 1972, and at Bayonne and Newark stations between 1966 and 1972.

Table 4-12. ANNUAL MAXIMUM 1-HOUR CARBON MONOXIDE VALUES
IN NEW JERSEY, 1966 - 1972
(mg/m^3)

	Year						
Location	66	67	68	69	70	71	72
Bayonne	20[a]	18	15	26	11	18	12
Newark	58	43	31[a]	56	35	34	35
Camden			18	52	35	34	32

[a] Denotes incomplete annual coverage.

4.4.5. Comparison of Trends with Average Highway Emission Factors for Highway Vehicles

Average emission factors for highway vehicles are given in Table 4-13. These factors were calculated by year based on statistical data for the United States.[10] Because the majority of highway vehicle emissions are produced by gasoline-powered light-duty vehicles, these are the only vehicles considered.

In examining Table 4-13, the trend in emission factors is down for carbon monoxide and hydrocarbons, whereas the trend in nitrogen oxide emission factors is increasing from 1965 through 1971 and constant from 1971 through 1973. The downward trends in oxidant in both Los Angeles and New Jersey correspond to the downward trends in the emission factors for hydrocarbons, the oxidant precursor. Finally, the trend in nitrogen dioxide is generally increasing in the Los Angeles region, but demonstrates stability in New Jersey, making any trend determination there marginal.

In summary, the trends in carbon monoxide, oxidants, and nitrogen oxides correspond to the trends in their associated emissions, demonstrating the success of the emission control strategy for mobile sources.

Table 4-13. AVERAGE EMISSION FACTORS FOR HIGHWAY VEHICLES
BASED ON NATIONWIDE STATISTICS[a]

	Carbon monoxide		Hydrocarbons				Nitrogen oxides (NO_x as NO_2)	
			Exhaust		Crankcase and evaporation			
Year	g/mi	g/km	g/mi	g/km	g/mi	g/km	g/mi	g/km
1965	89	55	9.2	5.7	5.8	3.6	4.8	3.0
1970	78	48	7.8	4.8	3.9	2.4	5.3	3.3
1971	74	46	7.2	4.5	3.5	2.2	5.4	3.4
1972	68	42	6.6	4.1	2.9	1.8	5.4	3.4
1973	62	39	6.1	3.8	2.4	1.5	5.4	3.4

[a] Compilation of Air Pollutant Emission Factors, Second Edition, AP-42, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

4.5. REFERENCES

1. The National Air Monitoring Program: Air Quality and Emissions Trends Annual Report, Publication No. EPA-450/1-73-001a, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

2. Health Consequences of Sulfur Oxide: A Report from CHESS, 1970-1971. U.S. Environmental Protection Agency, Research Triangle Park, N.C. (in preparation).

3. Amdur, M.O. and M. Corn. The Irritant Potency of Zinc Ammonium Sulfate of Different Particle Sizes, Amer. Ind. Hyg. Assoc. J. 24: 326-333, July-August 1963.

4. Air Quality Data, 1963, U.S. Department of Health, Education and Welfare, USPHS, Cincinnati, Ohio, 1965.

5. Altshuller, A.P. Atmospheric Sulfur Dioxide and Sulfate, Distribution of Concentrations at Urban and Nonurban Sites in the United States, Environmental Science and Technology, 1973.

6. National Air Quality Levels and Trends in Total Suspended Particulates and Sulfur Dioxide Determined by Data in the National Air Surveillance Network, 1973.

7. Nationwide Air Pollutant Emission Trends 1940-1970, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

8. Lee, R.E. and J. Wagman. A Sampling Anomaly in the Determination of Atmospheric Sulfate Concentrations, Amer. Ind. Hyg. Assoc. J. Volume 27, 1966.

9. Spirtas, R. and H.J. Levin. Patterns and Trends in Levels of Suspended Particulate Matter at 73 NASN Sites from 1957 through 1966. Presented at 62nd Annual Meeting, APCA, New York, N.Y., 1969.

10. Compilation of Air Pollutant Emission Factors, Publication No. AP-42, Second Edition, U.S. Environmental Protection Agency, Research Triangle Park, N.C., 1973.

APPENDIX. SUMMARY OF DATA FROM AIR QUALITY MONITORING STATIONS BY AQCR, 1972

These listings of selected statistics from individual stations within each AQCR, for each pollutant method, complement the national and regional tables presented in the main report. Tables in this appendix include quantitative information on the measurements acquired at each station and should be useful in assessing the degree to which a standard has been met.

Data collected by different instrument methods are listed separately because the degree of comparability has not been strictly defined. Reference methods are identified.

Data collected by different agencies are identified by the last three characters (the agency/project code) in the station identification code. The letter A identifies a station as Federally supported (although many have been operated by local personnel). An F identifies a State agency station, G a county agency, H a city agency, I a district agency, etc. (see APTD-0633, SAROAD Users Manual). The code 01 identifies an urban or population-oriented station, 02 identifies a source-oriented station, 03 identifies a nonurban or rural background station, 10 identifies a CAMP station.

Only stations that have at least one quarter's valid data on record in the data bank appear in these tables. Annual summary statistics are displayed only for those stations that have records including four valid quarters.

For 24-hour integrating samplers (e.g., hi-vols, bubblers), a valid quarter's record consists of at least five sample measurements representatively distributed among the months of that quarter. Distributions of measurements that show no samples in 2 months of a quarter, or that show no samples in 1 month and only 1 sample in another month are judged unacceptable for calculating representative estimates of means and ranges. For continuous instruments, at least 75 percent of the possible hourly values must be present in a quarter to calculate valid summaries.

Since all four quarters must be valid to support representative or valid annual summary statistics, there must be a minimum of 20 measurements derived from a 24-hour integrating method. Because such samples are nearly always collected on a carefully defined schedule, meteorological and day-of-the-week biases tend to average out over a year's time.

Validity requirements are imposed to provide a basic statistical reliability to assessments of data with respect to NAAQS. Where annual summary statistics are included with a station's summary, the data can be considered representative for comparison with both annual and short-term standards. If the data are too fragmentary to support annual statistics, but at least one quarter's record is valid, these data are summarized where short-term standards apply. If a station with an incomplete annual record reports values exceeding a short-term standard, that information is useful. If such a partial data record includes no values exceeding a short-term standard, the result must be considered inconclusive.

In addition to a representative amount of data from an individual station, a minimum number of stations is needed to provide a representative picture of the spatial variation in diverse sectors of an Air Quality Control Region. A table recommending a minimum number of stations for each AQCR has been presented in a previous report.[1] Even if all station measurements in an AQCR meet the standards for a pollutant, the resulting data must be considered inconclusive if the number of valid stations is less than that recommended for representative coverage.

A.1. SUSPENDED PARTICULATE MATTER

At present, there is only one generally accepted method for the measurement of suspended particulate matter, i.e., gravimetric analysis of the net weight of material collected on a 20- by 25-centimeter (8- by 10-inch) fiberglass filter through which approximately 2200 cubic meters of air have been drawn over a 24-hour period by a high-volume sampler.

The hi-vol stations in this table are listed in the first column by Air Quality Control Region. If a region encompasses parts of more than one state, the stations are sorted according to State areas within that region. On the same line as each region's number and name is the current Priority Classification for the particular pollutant.

Each line in the body of the table includes the station code and name as well as the year being summarized and the number of valid values reported.

The next two columns show the number, if any, of daily values exceeding the 24-hour standards, both secondary (150 μg/m^3) and primary (260 μg/m^3). To provide a quantitative measure of the upper end of the sample distribution, the first and second highest 24-hour values are listed in the next two columns. From these values, one can understand either the degree to which a 24-hour standard has been exceeded or the margin by which it has been met.

The final three columns pertain to the annual geometric mean, showing its ratio to the secondary (60 μg/m^3) and primary (75 μg/m^3) annual standards in addition to the annual geometric mean itself.

Stations appearing in this listing, but showing no entries in the three annual summary columns, have valid data for at least one quarter on record, but do not meet the yearly validity criteria.

A.2. SULFUR DIOXIDE

The stations reporting 24-hour bubbler data for sulfur dioxide are listed by Air Quality Control Region in Table A-2. After each AQCR code and name is the AQCR Priority Classification. Each line under the AQCR name contains a station code and station name, followed by the year being summarized and the number of valid values reported. The next column shows the number of values that exceeded the primary (365 μg/m^3) 24-hour standard. The next two columns list the first and second highest 24-hour values in order to provide quantitative measure of the upper end of the distribution of measurements. The final two columns pertain to the annual mean, showing the ratios of the mean to the primary (80 μg/m^3) annual standards, in addition to the value of the annual arithmetic mean for that station.

Stations appearing in Table A-2, but showing an asterisk in the annual summary column, have valid data for at least one quarter, but do not meet the annual validity criteria.

The format in Tables A-3, A-4, and A-5 is identical. Following each AQCR code and name are the AQCR Priority Classification and the list of stations in the AQCR, by State if it is an interstate region. Beside each station name is the year being summarized and the number of valid hourly values reported. The next column displays the number of 24-hour average values that exceeded the primary (365 μg/m^3) 24-hour standard. The next column contains the highest 24-hour average values (midnight to midnight). The next column provides the number of 3-hour averages that exceeded the 3-hour standard (1300 μg/m^3).

The final two columns pertain to the annual mean, first presenting the ratios of the mean primary (80 μg/m^3) annual standard, in addition to the value of the annual arithmetic mean for that station.

Stations appearing in these three tables, but showing an asterisk in the annual summary columns, have valid data for at least one quarter, but do not meet the annual validity criteria.

A.3. CARBON MONOXIDE

Table A-6 summarizes hourly data for carbon monoxide measured by the non-dispersive infrared (NDIR) method. Following each station code and name are the year for which the data are reported, the number of valid hourly values reported, and the number of values exceeding the 1-hour and 8-hour standards. (Note: the 8-hour standard is applied to running 8-hour averages; i.e., after calculating the average for the first 8 hours, the first hour is dropped and the ninth hour is added, etc.)

The next two columns list concentrations, in milligrams per cubic meter and the 99th percentile of 1-hour values, which gives some perspective to the distribution of values in the upper range. The first and second highest 1-hour values and the highest 8-hour value define the upper extreme of the distribution. (The second highest 8-hour value will be included in future reports.) The final column contains the annual arithmetic mean if valid data have been reported for 75 percent of the hours in the year.

A.4. OXIDANTS

Measurements of total oxidants are reported separately in Tables A-7, A-8, A-9, and A-10 for each instrument method because the comparability of the results has not been strictly defined. The format of the four tables is identical.

Each AQCR listing begins with the AQCR code, name, and priority classification. Subsequent lines contain a station code and name. The next two columns show the year being summarized and the number of valid 1-hour values reported. The next column contains the number of 1-hour values exceeding the standard (160 $\mu g/m^3$), and the next two columns list the first and second highest 1-hour values. The final column lists the 99th percentile of 1-hour values, which gives some perspective to the distribution of values in the upper range.

A.5. REFERENCES

1. The National Air Monitoring Program: Air Quality and Emissions Trends-Annual Report. U.S. Environmental Protection Agency, Research Triangle Park, N.C. Publication Numbers EPA-450/1-73-001a (Vol. I) and EPA-450/1-73-001b (Vol. II). August 1973.

2. Federal Register, Vol. 36, No. 84, April 30, 1971, National Primary and Secondary Ambient Air Quality Standards.

3. Federal Register, Vol. 36, No. 84, August 14, 1971, Requirements for Preparation, Adoption and Submittal of Implementation Plans.

Table A-1. DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
001 ALABAMA AND TOMBIGBEE RIVERS(ALA)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
ALABAMA	01 0720001 F01 CLARKE COUNTY	72	50			68	67	.63	.50	38
ALABAMA	01 1060001 F01 DEMOPOLIS	72	27	1		199	130			
ALABAMA	01 1260001 F01 EVERGREEN	72	52			67	63	.46	.37	29
ALABAMA	01 3020001 F01 SELMA	72	55			104	93	.80	.64	49
002 COLUMBUS-PHENIX CITY (ALA-GA)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ALABAMA	01 2460001 A01 MONTGOMERY	72	30			107	105	.88	.70	53
ALABAMA	01 2460002 F01 MONTGOMERY	72	51			153	141			
ALABAMA	01 2460003 F01 MONTGOMERY	72	50	18		259	226	1.61	1.29	97
ALABAMA	01 2460006 F01 MONTGOMERY	72	22			67	64			
ALABAMA	01 2740001 F01 PHENIX CITY	72	50			122	122	1.15	.92	69
ALABAMA	01 3240001 F01 TROY	72	49			97	81	.76	.61	46
GEORGIA	11 1280001 A01 COLUMBUS	72	36			128	101	.83	.66	50
GEORGIA	11 1280001 F01 COLUMBUS	72	29			91	84			
003 EAST ALABAMA			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ALABAMA	01 0120001 F01 ANNISTON	72	39			132	130			
ALABAMA	01 1480001 A01 GADSDEN	72	30	2		166	159	1.26	1.01	76
ALABAMA	01 1480002 F01 GADSDEN	72	56	3		180	179	.80	.64	48
ALABAMA	01 1480003 F01 GADSDEN	72	55	32	15	856	840	2.91	2.33	175
ALABAMA	01 3100001 F01 SYLACAUGA	72	51			123	120	.96	.77	58
ALABAMA	01 3120001 F01 TALLADEGA	72	52	3		179	172	1.43	1.14	86
004 METROPOLITAN BIRMINGHAM (ALA)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ALABAMA	01 0340001 G01 BESSEMER	72	186	54	4	337	335	1.98	1.58	119
ALABAMA	01 0380003 A01 BIRMINGHAM	72	30	3	1	297	204	1.50	1.20	90
ALABAMA	01 0380003 G01 BIRMINGHAM	72	9	1		182	149			
ALABAMA	01 0380005 G01 BIRMINGHAM	72	274	188	62	536	501	3.03	2.42	182
ALABAMA	01 0380009 G01 BIRMINGHAM	72	221	109	20	411	404			
ALABAMA	01 0380010 G01 BIRMINGHAM	72	204	69	9	385	379	2.01	1.61	121
ALABAMA	01 0380011 G01 BIRMINGHAM	72	121	31	1	275	224			
ALABAMA	01 0380012 G01 BIRMINGHAM	72	122	39	5	328	321			
ALABAMA	01 0700001 F01 CLANTON	72	57			111	107	.71	.57	43
ALABAMA	01 1300003 G01 FAIRFIELD	72	253	73	2	347	273			
ALABAMA	01 1880002 G01 IRONDALE	72	27	5		254	188			
ALABAMA	01 1960001 F01 JASPER	72	53	5		249	220	1.50	1.20	90
ALABAMA	01 2140003 G01 LEEDS	72	87	33	6	451	369			
ALABAMA	01 2540001 G01 MOUNTAIN BROOK	72	166	1		183	143			
ALABAMA	01 2600001 F01 ONEONTA	72	47	6		202	180	1.18	.94	71
ALABAMA	01 2700001 F01 PELL CITY	72	53			139	120	.88	.70	53
ALABAMA	01 3060002 F01 SHELBY COUNTY	72	44			145	132			
ALABAMA	01 3200001 G01 TARRANT CITY	72	185	84	13	400	362	2.30	1.84	138
ALABAMA	01 3280001 F01 TUSCALOOSA	72	11			126	106			
ALABAMA	01 3280002 F01 TUSCALOOSA	72	45	2		161	160			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
ALABAMA	01 0440001 F01 BREWTON	72	52			89	85	.73	.58	44
ALABAMA	01 2380001 A01 MOBILE	72	22	5		219	192	1.76	1.41	106
ALABAMA	01 2390001 G01 MOBILE ALA	72	29	7	1	357	248			
ALABAMA	01 2390002 G01 MOBILE ALA	72	57	19	1	267	256	1.70	1.36	102
ALABAMA	01 2400006 G01 MOBILE COUNTY	72	58	24	6	498	388	2.33	1.86	140
ALABAMA	01 2400013 G01 MOBILE COUNTY	72	25			142	125			
ALABAMA	01 2400017 G01 MOBILE COUNTY	72	27	1		151	126			
ALABAMA	01 2980001 G01 SARALAND WELL ALA	72	28	1		155	124			
MISSISSIPPI	25 1280001 A03 JACKSON COUNTY	72	28			85	69	.60	.49	36
006 SOUTHEAST ALABAMA			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
ALABAMA	01 0100001 F01 ANDALUSIA	72	37			118	91	.91	.73	55
ALABAMA	01 1080001 F01 DOTHAN	72	56	2	1	275	197	1.21	.97	73
007 TENN. RIVER VALLEY-CUMBERLAND MTS (ALA-TENN)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
ALABAMA	01 0920001 F01 CULLMAN	72	51	9	1	287	244	1.43	1.14	86
ALABAMA	01 1400001 F01 FLORENCE	72	55	7	2	372	309	1.46	1.17	88
ALABAMA	01 1440001 F01 FORT PAYNE	72	44			127	119	.91	.73	55
ALABAMA	01 1680001 F01 GUNTERSVILLE	72	57			128	126	.90	.72	54
ALABAMA	01 1860001 A01 HUNTSVILLE	72	28			132	126	1.05	.84	63
ALABAMA	01 1860002 H01 HUNTSVILLE	72	81	7	3	370	341	.88	.70	53
ALABAMA	01 1860003 H01 HUNTSVILLE	72	216			130	124	.95	.76	57
ALABAMA	01 1860004 H01 HUNTSVILLE	72	81			135	110	.78	.62	47
ALABAMA	01 1860006 H01 HUNTSVILLE	72	69			90	78	.63	.50	38
ALABAMA	01 3000001 F01 SCOTTSBORO	72	51			109	103	.98	.70	53
ALABAMA	01 3000002 F01 SCOTTSBORO	72	48	2		249	169	1.06	.85	64
ALABAMA	01 3000003 F01 SCOTTSBORO	72	46	4		192	188	1.75	1.40	105
ALABAMA	01 3000004 F01 SCOTTSBORO	72	38	2		224	172			
ALABAMA	01 3320001 F01 TUSCUMBIA	72	38	1		182	141			
TENNESSEE	44 0600001 F01 COOKEVILLE	72	46			120	108			
TENNESSEE	44 2100001 F01 MCMINNVILLE	72	46	1		159	141			
TENNESSEE	44 2220001 F01 MARION COUNTY	72	46	1		160	143			
TENNESSEE	44 3440001 F01 TULLAHOMA	72	46			128	127			
TENNESSEE	44 3440002 F01 TULLAHOMA	72	45			80	73			
008 COOK INLET (ALSK)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
ALASKA	02 0040003 A01 ANCHORAGE	72	28	6	1	265	222	1.25	1.00	75
ALASKA	02 0040005 I01 ANCHORAGE	72	58	19	8	415	409	1.55	1.24	93
ALASKA	02 0040006 I01 ANCHORAGE	72	59	10	2	423	310	1.03	.82	62
ALASKA	02 0040009 I01 ANCHORAGE	72	39	2		221	170			
ALASKA	02 0040010 I01 ANCHORAGE	72	32			105	90			
ALASKA	02 0040012 I01 ANCHORAGE	72	44	12	4	303	289			
ALASKA	02 0060003 I01 ANCHORAGE DIVISION	72	38	20	18	968	765			
ALASKA	02 0230001 I01 KENAI	72	34			147	106	.26	.21	16
ALASKA	02 0460002 I01 SEWARD DIVISION	72	26	1		198	99			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
009 NORTHERN ALASKA			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ALASKA	02 0160001 A01 FAIRBANKS	72	25	12	5	899	812	2.29	1.82	137
ALASKA	02 0160001 G01 FAIRBANKS	72	25	3	1	344	192		-	
ALASKA	02 0160006 G01 FAIRBANKS	72	29	1	1	284	70	-	-	
ALASKA	02 0160009 G01 FAIRBANKS	72	21			90	65	-		
ALASKA	02 0160010 F01 FAIRBANKS	72	20			94	87	-	-	
011 SOUTHEASTERN ALASKA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
ALASKA	02 0200001 F05 JUNEAU	72	7	3	1	306	191	-	-	
ALASKA	02 0200002 F01 JUNEAU	72	23	6	2	642	346	-	-	
ALASKA	02 0600002 F02 WRANGELL-PETERSBURGH	72	17	4	1	297	206		-	
012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N. MEXIC			** PRIORITY 1A **					AS OF OCTOBER 06, 1973		
ARIZONA	03 0160003 F02 CLIFTON	72	42	2	2	372	340	-	-	
ARIZONA	03 0180001 F02 COCHISE COUNTY	72	22	18	13	721	448	-		
ARIZONA	03 0180002 F02 COCHISE COUNTY	72	24	2	1	454	177	-		
013 CLARK-MOHAVE (ARIZ-NEV)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ARIZONA	03 0500006 F02 MOHAVE COUNTY	72	57			148	136	.60	.48	36
ARIZONA	03 0500007 G02 MOHAVE COUNTY	72	50	2		188	162	.78	.62	47
ARIZONA	03 0960002 F01 YUMA	72	56	11	3	447	438	1.63	1.30	98
NEVADA	29 0020003 G01 BOULDER CITY	72	49	3	1	262	215	1.01	.81	61
NEVADA	29 0080003 G02 CLARK COUNTY	72	25	2		214	171	-	-	
NEVADA	29 0080011 G03 CLARK COUNTY	72	51	2	1	354	187	.58	.46	35
NEVADA	29 0080012 G01 CLARK COUNTY	72	54	2		216	171	.70	.56	42
NEVADA	29 0080013 G01 CLARK COUNTY	72	35	1	1	309	146	.75	.60	45
NEVADA	29 0260004 G01 HENDERSON	72	50	10	2	805	267	1.70	1.36	102
NEVADA	29 0260005 G01 HENDERSON	72	49	7	1	345	204	1.15	.92	69
NEVADA	29 0320001 A01 LAS VEGAS	72	15			138	112		-	
NEVADA	29 0320001 G01 LAS VEGAS	72	48	7	1	811	209	1.63	1.30	98
NEVADA	29 0320004 G01 LAS VEGAS	72	53	9	1	1,243	195	1.66	1.33	100
NEVADA	29 0320005 G01 LAS VEGAS	72	37	2	1	1,182	170	.95	.76	57
NEVADA	29 0320007 G01 LAS VEGAS	72	52	2	1	912	151	1.03	.82	62
NEVADA	29 0320008 G01 LAS VEGAS	72	36	22	7	367	343	-	-	
NEVADA	29 0320009 G01 LAS VEGAS	72	49	2		195	152	1.46	1.17	88
NEVADA	29 0320011 G01 LAS VEGAS	72	51	7	2	978	412	1.66	1.33	100
NEVADA	29 0400001 G01 NORTH LAS VEGAS	72	39	19	2	727	261	2.33	1.86	140
NEVADA	29 0400002 G01 NORTH LAS VEGAS	72	47	5	1	1,216	227	1.35	1.08	91
014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH)			** PRIORITY 1A **					AS OF OCTOBER 06, 1973		
ARIZONA	03 0200002 F03 COCONINO COUNTY	72	22			78	73	-	-	
ARIZONA	03 0200003 F03 COCONINO COUNTY	72	20			137	133	-	-	
ARIZONA	03 0200004 F03 COCONINO COUNTY	72	25			145	85	-		
ARIZONA	03 0280001 F01 FLAGSTAFF	72	29			86	81	-	-	
ARIZONA	03 0370001 A03 GRAND CANYON NAT PK	72	10			27	20	-	-	
ARIZONA	03 0520001 F03 NAVAJO COUNTY	72	16	5	1	415	258	-	-	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
					SEC.	PRI.	1ST	2ND	SEC.	PRI.	
ARIZONA	03 0520002 F02	NAVAJO COUNTY	72	12			96	89			
ARIZONA	03 0920001 F03	WINSLOW	72	26			104	92			
ARIZONA	03 0940001 F02	YAVAPAI COUNTY	72	14			140	76			
ARIZONA	03 0940002 F03	YAVAPAI COUNTY	72	62			112	111	.43	.34	26
COLORADO	06 0440001 F01	CORTEZ	72	46	3	1	446	203			
COLORADO	06 0680003 F01	DURANGO	72	74	6	2	390	294	.73	.58	44
COLORADO	06 1300001 F03	LA PLATA COUNTY	72	76	2		202	195	.78	.62	47
COLORADO	06 1530002 A03	MESA VERDE NATIONAL PK	72	24			58	48			
COLORADO	06 1530003 F03	MESA VERDE NATL PARK	72	75	1	1	319	97	.26	.21	16
COLORADO	06 1600002 F03	MONTEZUMA COUNTY	72	10			139	102			
COLORADO	06 1600003 F03	MONTEZUMA COUNTY	72	19	3	2	423	275			
NEW MEXICO	32 0400001 F01	FARMINGTON	72	15			124	95			
NEW MEXICO	32 0420001 F01	GALLUP	72	7	4	1	367	231			
015 PHOENIX-TUCSON (ARIZ)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ARIZONA	03 0020001 F02	AJO	72	38	1		251	142	1.16	.93	70
ARIZONA	03 0140001 F02	CLAYPOOL	72	30	20	3	774	373			
ARIZONA	03 0440001 A01	MARICOPA COUNTY	72	28			138	134	1.26	1.01	76
ARIZONA	03 0440003 G01	MARICOPA COUNTY	72	54	18	17	1,407	1,296	2.73	2.18	164
ARIZONA	03 0600002 A01	PHOENIX	72	36	17	2	283	269	2.40	1.92	144
ARIZONA	03 0600002 G01	PHOENIX	72	42	20	1	277	254			
ARIZONA	03 0600004 G01	PHOENIX	72	57	28	5	510	295	2.40	1.92	144
ARIZONA	03 0600005 G01	PHOENIX	72	41	23	3	285	268			
ARIZONA	03 0600006 G01	PHOENIX	72	57	41	20	579	417	3.13	2.50	188
ARIZONA	03 0600008 G01	PHOENIX	72	32	26	10	447	412			
ARIZONA	03 0620005 F03	PIMA COUNTY	72	44			95	92	.48	.38	29
ARIZONA	03 0640001 F01	PINAL COUNTY	72	26	10		258	231			
ARIZONA	03 0740001 G01	SCOTTSDALE	72	54	29	3	355	279	2.48	1.98	149
ARIZONA	03 0800003 F03	SUPERIOR	72	34	8	1	275	259			
ARIZONA	03 0860001 A01	TUCSON	72	27	5	1	281	242	1.63	1.30	98
ARIZONA	03 0860002 G01	TUCSON ARIZ	72	58	2		245	156			
016 CENTRAL ARKANSAS				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
ARKANSAS	04 0020001 F01	ARKADELPHIA	72	38			92	90	.76	.61	46
ARKANSAS	04 0500001 F01	CONWAY	72	13	2		231	151			
ARKANSAS	04 1140001 F01	HOT SPRINGS	72	15			137	131			
ARKANSAS	04 1440001 A01	LITTLE ROCK	72	23	1		159	138			
ARKANSAS	04 1440002 F01	LITTLE ROCK	72	10			136	131			
ARKANSAS	04 1440003 F01	LITTLE ROCK	72	32	2		184	178			
ARKANSAS	04 1880001 F01	NORTH LITTLE ROCK	72	43	1		157	140	1.23	.98	74
ARKANSAS	04 2060005 F01	PINE BLUFF	72	12			84	80			
ARKANSAS	04 2280001 F01	RUSSELLVILLE	72	22	1		195	143			
ARKANSAS	04 2280002 F01	RUSSELLVILLE	72	14			107	105			
ARKANSAS	04 2320001 F01	SALINE COUNTY	72	46	5		256	256	1.43	1.14	86
017 METROPOLITAN FORT SMITH (ARK-OKLA)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
ARKANSAS	04 0860003 F01	FAYETTEVILLE	72	16	3		194	172			
ARKANSAS	04 0920001 F01	FORT SMITH	72	24			115	113			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
					SEC.	PRI.	1ST	2ND	SEC.	PRI.	
ARKANSAS	04 0920003 F01	FORT SMITH	72	8			89	86	*	*	
ARKANSAS	04 2480001 F01	SPRINGDALE	72	27			130	125	*		
OKLAHOMA	37 0480001 A03	CHEROKEE COUNTY	72	27			86	83	.63	.50	38
OKLAHOMA	37 2480460 F01	POTEAU	72	10	1		175	115			
OKLAHOMA	37 2760471 F01	SEQUOYAH COUNTY	72	30			104	99	*	*	
OKLAHOMA	37 2880480 F01	TAHLEQUAH	72	45			83	70	*	*	
018 METROPOLITAN MEMPHIS (ARK-MISS-TENN)				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
ARKANSAS	04 0770001 F01	EARLE	72	11	2	1	278	189	*	*	
ARKANSAS	04 2740001 A01	WEST MEMPHIS	72	25	1		154	126	*	*	
ARKANSAS	04 2743002 F01	WEST MEMPHIS	72	9			85	66	*		
TENNESSEE	44 0570001 G01	COLLIERVILLE	72	52			128	117	.90	.72	54
TENNESSEE	44 2340001 A01	MEMPHIS	72	30	3	1	395	191	1.53	1.22	92
TENNESSEE	44 2340001 G01	MEMPHIS	72	22	2	1	264	180	*	*	
TENNESSEE	44 2340002 G01	MEMPHIS	72	53	1		157	144	1.19	.94	71
TENNESSEE	44 2340005 G01	MEMPHIS	72	53	3		170	159	1.18	.94	71
TENNESSEE	44 2340013 G01	MEMPHIS	72	55			150	144	1.55	1.24	93
TENNESSEE	44 2340014 G01	MEMPHIS	72	53	3		179	177	1.28	1.02	77
TENNESSEE	44 2340016 G01	MEMPHIS	72	54			142	139	1.41	1.13	85
TENNESSEE	44 2340017 G01	MEMPHIS	72	55			132	118	1.08	.86	65
TENNESSEE	44 2340018 G01	MEMPHIS	72	55	1		156	139	1.18	.94	71
TENNESSEE	44 3080001 G01	SHELBY COUNTY	72	55			120	104	.81	.65	49
TENNESSEE	44 3080002 G01	SHELBY COUNTY	72	52			114	100	.81	.65	49
019 MONROE-EL DORADO (ARK-LA)				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
ARKANSAS	04 0320001 F01	CAMDEN	72	33			98	81	.85	.68	51
ARKANSAS	04 0620001 F01	CROSSETT	72	19	1		155	149	*	*	
ARKANSAS	04 0780001 F01	EL DORADO	72	20			128	117	*	*	
LOUISIANA	19 1620001 F01	LAKE PROVIDENCE	72	56	3		165	160	1.40	1.12	84
LOUISIANA	19 1900001 F01	MONROE	72	56			140	129	1.06	.85	64
LOUISIANA	19 2980001 F01	VIDALIA	72	53	16	1	329	255	1.96	1.57	118
020 NORTHEAST ARKANSAS				** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
ARKANSAS	04 0900001 F01	FORREST CITY	72	11	1		180	111	*	*	
ARKANSAS	04 1080001 F01	HELENA	72	12	1		158	112	*	*	
ARKANSAS	04 1320001 F01	JONESBORO	72	9			117	109	*	*	
ARKANSAS	04 2540001 F01	STUTTGART	72	32	9	1	280	252	2.00	1.60	120
KENTUCKY	18 0800001 A01	COVINGTON	72	30			142	135	1.25	1.00	75
021 NORTHWEST ARKANSAS				** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
ARKANSAS	04 1060001 F01	HARRISON	72	12	1		158	117	*	*	
ARKANSAS	04 1760001 A03	MONTGOMERY COUNTY	72	28			144	103	.61	.49	37
022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX)				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
ARKANSAS	04 1120001 F01	HOPE	72	10			133	95	*	*	
ARKANSAS	04 1560001 F01	MAGNOLIA	72	15			134	104	*	*	
ARKANSAS	04 2560001 A01	TEXARKANA	72	17			128	113	*	*	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SFC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SFC.	PRI.	GEOM. MEAN UG/CU.M.
LOUISIANA	19 1840001 F01 MANY	72				69	68			
LOUISIANA	19 2740001 A01 SHREVEPORT	72	273	7	1	284	257	1.75	1.40	105
LOUISIANA	19 2740001 F01 SHREVEPORT	72	59	13		216	212	1.28	1.02	77
OKLAHOMA	37 1420455 F01 IDABEL	72	58	5		218	160	1.29	1.02	77
TEXAS	45 5160001 F01 TEXARKANA	72	49			119	110	1.05	.84	63
TEXAS	45 5240002 F01 TYLER	72	54			147	117	.93	.74	56
024 METROPOLITAN LOS ANGELES (CALIF)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
CALIFORNIA	05 0230001 A01 ANAHEIM	72	28	3		260	171	1.71	1.37	103
CALIFORNIA	05 0900002 A01 BURBANK	72	27	8		257	227	1.91	1.53	115
CALIFORNIA	05 2940001 A01 GLENDALE	72	28	1		178	150	1.51	1.21	91
CALIFORNIA	05 4100001 A01 LONG BEACH	72	27	3		193	169	1.55	1.24	93
CALIFORNIA	05 4180001 A01 LOS ANGELES	72	32	8	1	604	254	1.96	1.57	118
CALIFORNIA	05 5390001 A01 ONTARIO	72	28	5	1	283	251	1.91	1.53	115
CALIFORNIA	05 5760002 A01 PASADENA	72	27	1		232	148	1.50	1.20	90
CALIFORNIA	05 6400001 A01 RIVERSIDE	72	18	8	3	305	270			
CALIFORNIA	05 6680001 A01 SAN BERNARDINO	72	30	13	3	308	308	2.25	1.80	135
CALIFORNIA	05 7180001 A01 SANTA ANA	72	29	4	1	296	197	1.61	1.29	97
CALIFORNIA	05 8260001 A01 TORRANCE	72	29			129	126	1.20	.96	72
025 NORTH CENTRAL COAST (CALIF)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
KANSAS	17 3840008 G01 WYANDOTTE COUNTY	72	13			104	102			
028 SACRAMENTO VALLEY (CALIF)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
CALIFORNIA	05 6590001 A01 SACRAMENTO	72	28	1		156	130	1.01	.81	61
029 SAN DIEGO (CALIF)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
CALIFORNIA	05 6800001 A01 SAN DIEGO	72	29			140	124	.98	.78	59
030 SAN FRANCISCO BAY AREA (CALIF)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
CALIFORNIA	05 0740001 A01 BERKELEY	72	27			111	85	.80	.64	49
CALIFORNIA	05 5300001 A01 OAKLAND	72	29			100	92	.95	.76	57
CALIFORNIA	05 6860001 A01 SAN FRANCISCO	72	30			121	117	1.00	.80	60
CALIFORNIA	05 6980003 A01 SAN JOSE	72	25	2		161	154			
031 SAN JOAQUIN VALLEY (CALIF)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
CALIFORNIA	05 2800002 A01 FRESNO	72	28	3	1	279	198	1.91	1.53	115
034 COMANCHE (COLO)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
COLORADO	06 1220001 F01 LA JUNTA	72	79	3	1	298	207	.96	.77	58
COLORADO	06 1900001 F01 ROCKY FORD	72	76	2	1	333	226	1.10	.88	66
035 GRAND MESA (COLO)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
COLORADO	06 0540001 F01 DELTA	72	46	18	7	566	532			
COLORADO	06 0880001 F01 GARFIELD COUNTY	72	82	10	1	320	218	1.36	1.09	82

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
COLORADO	06 0920001 F01 GLENWOOD SPRINGS	72	81	3	1	377	254	.96	.77	58
COLORADO	06 0980009 F01 GRAND JUNCTION	72	82	14	1	321	192	1.51	1.21	91
COLORADO	06 1520001 F01 MESA COUNTY	72	78	2		161	151	1.35	1.09	81
COLORADO	06 1520002 F01 MESA COUNTY	72	93	1		187	149	.63	.50	38
COLORADO	06 1620001 F01 MONTROSE	72	69	8	1	343	198	1.23	.98	74
COLORADO	06 1790001 F01 PITKIN COUNTY	72	59	3	1	414	164	1.01	.81	61
036 METROPOLITAN DENVER (COLO)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
COLORADO	06 0020001 F01 ADAMS COUNTY	72	89	16	1	275	258	1.48	1.19	89
COLORADO	06 0120001 F01 ARVADA	72	90	19	1	418	242	1.78	1.42	107
COLORADO	06 0140001 F01 AURORA	72	91	9	1	349	207	1.48	1.18	89
COLORADO	06 0200001 F01 BOULDER	72	76	4		243	225	1.06	.85	64
COLORADO	06 0240001 F01 BRIGHTON	72	81	9		213	209	1.45	1.16	87
COLORADO	06 0360001 F01 CLEAR CREEK COUNTY	72	90			150	139	1.10	.88	66
COLORADO	06 0580001 A01 DENVER	72	26	13	2	434	329			
COLORADO	06 0580001 F01 DENVER	72	79	28	7	355	347	2.11	1.69	127
COLORADO	06 0580002 A10 DENVER	72	138	60	20	735	653	2.53	2.02	152
COLORADO	06 0580003 F01 DENVER	72	74	25	6	387	319	2.08	1.66	125
COLORADO	06 0580004 F01 DENVER	72	62	11		257	224			
COLORADO	06 0580006 F01 DENVER	72	66	6	1	271	222	1.23	.99	74
COLORADO	06 0580007 F01 DENVER	72	84	3		217	178	1.06	.85	64
COLORADO	06 0580009 F01 DENVER	72	72	7	1	343	254	1.40	1.12	84
COLORADO	06 0660001 F01 DOUGLAS COUNTY	72	80	4	2	323	314	1.10	.88	66
COLORADO	06 0720001 F01 EDGEWATER	72	83	16	2	339	262	1.63	1.30	98
COLORADO	06 0780001 F01 ENGLEWOOD	72	89	11	2	314	298	1.70	1.36	102
COLORADO	06 0900001 F01 GILPIN COUNTY	72	90			123	114	.71	.57	43
COLORADO	06 0940001 F01 GOLDEN	72	89	2		236	186	1.01	.81	61
COLORADO	06 1140001 F02 JEFFERSON COUNTY	72	82	1		184	146	.63	.50	38
COLORADO	06 1260001 F01 LAKEWOOD	72	89	6		208	179	1.18	.94	71
COLORADO	06 1460001 F01 LONGMONT	72	41	7	1	284	215			
COLORADO	06 2240002 F01 WESTMINSTER	72	82	8	4	299	281	1.31	1.05	79
037 PAWNEE (COLO)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
COLORADO	06 0820001 F01 FT COLLINS	72	83	6		194	193	1.15	.92	69
COLORADO	06 1000003 F01 GREELEY	72	71	10	1	268	257	1.11	.89	67
COLORADO	06 1000004 F01 GREELEY	72	79	17	2	343	299	1.46	1.17	88
COLORADO	06 1020001 F01 GUNNISON	72	54	5	2	376	269			
COLORADO	06 1320002 F01 LARIMER COUNTY	72	82	3		205	163	.83	.66	50
COLORADO	06 1420001 F01 LITTLETON	72	49	14		252	223			
COLORADO	06 1480001 F01 LOVELAND	72	78	13	2	345	291	1.36	1.09	82
COLORADO	06 2080001 F01 STERLING	72	72	8		243	193	1.50	1.20	90
COLORADO	06 2220001 F01 WELD COUNTY	72	54	4		189	182			
COLORADO	06 2220002 F01 WELD COUNTY	72	68	19	2	426	300			
COLORADO	06 2220003 F01 WELD COUNTY	72	80	9	1	336	211	1.46	1.17	88
038 SAN ISABEL (COLO)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
COLORADO	06 0080001 F03 ARAPAHOE COUNTY	72	87			120	102	.60	.49	36

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
COLORADO	06 0300001 F01 CANON CITY	72	91	6		240	199	.99	.78	59
COLORADO	06 0380003 F01 COLORADO SPRINGS	72	86	15	1	279	226	1.61	1.29	97
COLORADO	06 0800001 F01 FLORENCE	72	77	5		212	197	1.43	1.14	86
COLORADO	06 1500001 F01 MANITOU SPRINGS	72	85	2		183	154	1.10	.88	66
COLORADO	06 1820001 F01 PUEBLO	72	70	18	1	349	259	1.83	1.46	110
COLORADO	06 1820003 F01 PUEBLO	72	64	18	3	324	291	-	-	
COLORADO	06 2160001 F01 TRINIDAD	72	83	5		204	189	1.28	1.02	77
COLORADO	06 2180001 F01 WALSENBURG	72	83	8	1	291	239	1.26	1.01	76
039 SAN LUIS (COLO)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
COLORADO	06 0040001 F01 ALAMOSA	72	82	3	1	628	152	.96	.77	58
COLORADO	06 0060001 F03 ALAMOSA COUNTY	72	76	1		209	71	.21	.17	13
COLORADO	06 1860001 F01 RIO BLANCO COUNTY	72	76	3	1	265	201	.81	.65	49
COLORADO	06 1860002 F01 RIO BLANCO COUNTY	72	83			125	92	.50	.40	30
COLORADO	06 1860003 F03 RIO BLANCO COUNTY	72	78			84	81	.21	.17	13
040 YAMPA (COLO)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
COLORADO	06 0480001 F01 CRAIG	72	82	4		202	198	1.05	.84	63
COLORADO	06 0960002 F01 GRAND COUNTY	72	80	8		246	209	1.08	.86	65
COLORADO	06 1920001 F01 ROUTT COUNTY	72	79			120	109	.41	.33	25
COLORADO	06 1920002 F01 ROUTT COUNTY	72	83	22	5	429	375	1.65	1.32	99
FLORIDA	10 1960040 H01 JACKSONVILLE	72	43			103	96	-	-	
041 EASTERN CONNECTICUT			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
CONNECTICUT	07 0350001 F01 GROTON	72	56	1		166	122	.76	.61	46
CONNECTICUT	07 0840001 F01 NORWICH	72	60			142	142	1.03	.82	62
CONNECTICUT	07 0900002 F01 PUTNAM	72	55			149	135	.88	.70	53
042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
CONNECTICUT	07 0008003 F01 ANSONIA	72	59	5		170	159	1.38	1.10	83
CONNECTICUT	07 0070001 F01 BRISTOL	72	56	1		197	104	.86	.69	52
CONNECTICUT	07 0250001 F01 ENFIELD	72	36	5	1	297	200	1.20	.96	72
CONNECTICUT	07 0250002 F01 ENFIELD	72	10			68	66	-	-	
CONNECTICUT	07 0420001 A01 HARTFORD	72	29			137	125	1.00	.80	60
CONNECTICUT	07 0420003 F01 HARTFORD	72	137	8	1	386	216	1.23	.98	74
CONNECTICUT	07 0420004 F01 HARTFORD	72	41	1		179	122	.80	.64	48
CONNECTICUT	07 0510001 F01 MANCHESTER	72	13			81	67	-	-	
CONNECTICUT	07 0660001 F01 NAUGATUCK	72	60	4	1	370	221	1.20	.96	72
CONNECTICUT	07 0680001 H01 NEW BRITAIN	72	18	3		171	155	-	-	
CONNECTICUT	07 0700001 A01 NEW HAVEN	72	29			131	118	1.00	.80	60
CONNECTICUT	07 1130003 F01 THOMASTON	72	45	3		206	179	.96	.77	58
CONNECTICUT	07 1240001 F01 WATERBU	72	63	6		223	184	1.35	1.08	91
MASSACHUSETTS	22 0172001 F01 BELCHERTOWN	72	54			83	75	.35	.28	21
MASSACHUSETTS	22 0400001 F01 CHICOPEE	72	123	1		153	127	.95	.76	57
MASSACHUSETTS	22 0400003 F01 CHICOPEE	72	123			140	135	.83	.66	50
MASSACHUSETTS	22 0780001 F01 GREENFIELD	72	123			132	126	.81	.65	49
MASSACHUSETTS	22 0860004 F01 HOLYOKE	72	125	2		165	165	.93	.74	56
MASSACHUSETTS	22 1652001 F01 NORTHFIELD	72	40			70	52	-	-	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
MASSACHUSETTS	22 2160003 F01 SPRINGFIELD	72	127	1		172	142	1.06	.85	64
MASSACHUSETTS	22 2160005 F01 SPRINGFIELD	72	24	3		238	195			
043 NEW JERSEY-NEW YORK-CONNECTICUT			-* PRIORITY 1 -*					AS OF OCTOBER 06, 1973		
CONNECTICUT	07 0060001 A01 BRIDGEPORT	72	30			117	105	.85	.68	51
CONNECTICUT	07 0060001 F01 BRIDGEPORT	72	64			117	110	.95	.76	57
CONNECTICUT	07 0060001 H01 BRIDGEPORT	72	10			97	96			
CONNECTICUT	07 0060002 F01 BRIDGEPORT	72	7			117	96			
CONNECTICUT	07 0175001 F01 DANBURY	72	7	1		172	127			
CONNECTICUT	07 1080001 H01 STAMFORD	72	20	12	3	363	298			
NEW JERSEY	31 0060002 F01 ASBURY PARK	72	38	1		190	119	1.13	.90	68
NEW JERSEY	31 0180001 A01 BAYONNE	72	24			121	118			
NEW JERSEY	31 0180003 F01 BAYONNE	72	52	3		207	158	1.10	.89	66
NEW JERSEY	31 0500001 F01 BOUND BROOK	72	59			138	106	.90	.72	54
NEW JERSEY	31 0560001 F01 BRIELLE	72	25			74	66			
NEW JERSEY	31 0820001 F01 CARTERET	72	47			139	132	1.05	.84	63
NEW JERSEY	31 1100001 F01 DOVER	72	23			93	86			
NEW JERSEY	31 1100002 F01 DOVER	72	18			119	67			
NEW JERSEY	31 1160002 F01 EAST ORANGE	72	50	17	1	277	237	1.90	1.52	114
NEW JERSEY	31 1300002 A01 ELIZABETH	72	27	2		230	203	1.31	1.05	79
NEW JERSEY	31 1380001 F01 ESSEX COUNTY	72	56			103	71	.56	.45	34
NEW JERSEY	31 1440001 F01 FAIR LAWN	72	29			102	95			
NEW JERSEY	31 1460001 F01 FAIRVIEW	72	51	5		221	174	1.35	1.08	81
NEW JERSEY	31 1540001 F01 FLORHAM PARK	72	18			94	59			
NEW JERSEY	31 1560001 F01 FORT LEE	72	29			139	139			
NEW JERSEY	31 1560002 F01 FORT LEE	72	21			101	99			
NEW JERSEY	31 1820001 F01 HACKENSACK	72	48	25	1	302	242	2.43	1.94	146
NEW JERSEY	31 2180001 F01 HOBOKEN	72	54	14	1	292	211	1.88	1.50	113
NEW JERSEY	31 2280001 F01 IRVINGTON	72	50			96	96	.80	.64	48
NEW JERSEY	31 2320001 A01 JERSEY CITY	72	29	1		169	123	1.20	.96	72
NEW JERSEY	31 2320003 F01 JERSEY CITY	72	53	1		232	143	1.38	1.10	83
NEW JERSEY	31 2320004 F01 JERSEY CITY	72	58			149	145	1.25	1.00	75
NEW JERSEY	31 2580001 F01 LINDEN	72	61			141	125	1.16	.93	70
NEW JERSEY	31 3020002 F01 METUCHEN	72	32			99	93			
NEW JERSEY	31 3060002 F01 MIDDLESEX COUNTY	72	32			119	118			
NEW JERSEY	31 3060003 F01 MIDDLESEX COUNTY	72	50			109	95	.68	.54	41
NEW JERSEY	31 3180001 F01 MONMOUTH COUNTY	72	42	1		161	70	.58	.46	35
NEW JERSEY	31 3180002 F01 MONMOUTH COUNTY	72	34			116	79			
NEW JERSEY	31 3300002 F01 MORRISTOWN	72	56			90	89	.78	.62	47
NEW JERSEY	31 3480001 A01 NEWARK	72	29			137	124	1.10	.88	66
NEW JERSEY	31 3480003 F01 NEWARK	72	54	24	1	285	255	2.23	1.78	134
NEW JERSEY	31 3500001 F01 NEW BRUNSWICK	72	57			82	72	.61	.49	37
NEW JERSEY	31 3980001 F01 ORANGE	72	44			126	119	.95	.76	57
NEW JERSEY	31 4100001 F01 PASSAIC	72	54			134	125	.93	.74	56
NEW JERSEY	31 4140001 A01 PATERSON	72	18			139	134			
NEW JERSEY	31 4140001 F01 PATERSON	72	55			113	109	.93	.74	56

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
					SEC.	PRI.	1ST	2ND	SEC.	PRI.	
NEW JERSEY	31 4220001 A01	PERTH AMBOY	72	20			117	114			
NEW JERSEY	31 4220002 F01	PERTH AMBOY	72	47			110	106	.93	.74	56
NEW JERSEY	31 4440001 F01	RAHWAY	72	57	1		163	143	1.10	.89	66
NEW JERSEY	31 4500001 F01	RED BANK	72	26			97	82			
NEW JERSEY	31 4500002 F01	RED BANK	72	27			99	89			
NEW JERSEY	31 4760001 F01	ROSELLE	72	61			137	112	1.10	.88	66
NEW JERSEY	31 4920001 F01	SAYREVILLE	72	38	4		203	192			
NEW JERSEY	31 4960001 F01	SECAUCUS	72	29			128	113			
NEW JERSEY	31 5060002 F01	SOMERVILLE	72	57	1		160	125	.78	.62	47
NEW JERSEY	31 5080001 F01	SOUTH AMBOY	72	46	1		152	108	.96	.77	59
NEW JERSEY	31 5420001 F01	UNION CITY	72	49	1		153	141	1.33	1.06	80
NEW JERSEY	31 5500001 F01	UPPER SADDLE RIVER	72	14			70	62			
NEW JERSEY	31 5920001 F01	WESTWOOD	72	58			101	93	.70	.56	42
NEW JERSEY	31 6040001 F01	WOODBRIDGE	72	55	2	1	376	173	1.10	.88	66
NEW JERSEY	31 6040002 F01	WOODBRIDGE	72	21			126	105			
NEW YORK	33 0280001 F01	BABYLON	72	59			122	98	.86	.69	52
NEW YORK	33 1560001 F01	DOBB:S FERRY (V)	72	15			64	60			
NEW YORK	33 2300002 F01	FREEPORT (V)	72	59			123	102	.90	.72	54
NEW YORK	33 2360001 F01	GARDEN CITY	72	40			118	111			
NEW YORK	33 2460001 F01	GLEN COVE	72	58			145	142	1.13	.90	58
NEW YORK	33 2900001 F01	HEMPSTEAD	72	56	5	2	330	276	1.21	.97	73
NEW YORK	33 2900003 F01	HEMPSTEAD	72	58	1		164	126	.96	.77	58
NEW YORK	33 2900004 F01	HEMPSTEAD	72	59	1		244	122	.95	.76	57
NEW YORK	33 2900005 F01	HEMPSTEAD (T)	72	54			141	140	1.01	.81	61
NEW YORK	33 2900007 F01	HEMPSTEAD	72	35	4		194	179			
NEW YORK	33 3480001 F01	KINGS POINT	72	59			116	116	.71	.57	43
NEW YORK	33 4100001 F01	MAMARONECK	72	43			124	123	1.00	.80	60
NEW YORK	33 4100002 F01	MAMARONECK	72	35			114	109			
NEW YORK	33 4480001 F01	MT VERNON	72	25			133	133			
NEW YORK	33 4480003 F01	MOUNT VERNON	72	9			126	108			
NEW YORK	33 4520001 F01	NASSAU COUNTY	72	59			116	109	.83	.66	50
NEW YORK	33 4520002 F01	NASSAU COUNTY	72	60			130	130	.96	.77	58
NEW YORK	33 4520005 F01	NASSAU COUNTY	72	59			103	102	.71	.57	43
NEW YORK	33 4520006 F01	NASSAU COUNTY	72	55			100	85	.75	.60	45
NEW YORK	33 4620002 F01	NEW ROCHELLE	72	34			137	131			
NEW YORK	33 4680001 A01	NEW YORK CITY	72	29	3	1	280	155	1.58	1.26	95
NEW YORK	33 4680050 F01	NEW YORK CITY	72	55	2		169	164	1.26	1.01	76
NEW YORK	33 4680057 F01	NEW YORK CITY	72	40	2		160	159			
NEW YORK	33 4880001 F01	NORTH TARRYTOWN	72	52			119	110	.80	.64	48
NEW YORK	33 5200001 F01	OSSINING	72	54			115	114	.81	.65	49
NEW YORK	33 5360001 F01	PEEKSKILL	72	52	5		210	185	1.26	1.01	76
NEW YORK	33 5520001 F01	PORT CHESTER	72	56			119	112	.91	.73	55
NEW YORK	33 5780001 F01	ROCKLAND COUNTY	72	55			127	105	.90	.72	54
NEW YORK	33 5780002 F01	ROCKLAND COUNTY	72	11			68	64			
NEW YORK	33 5800001 F01	ROCKVILLE CTR	72	58	1		163	146	1.21	.97	73
NEW YORK	33 5910001 F01	RYE	72	54			138	135	1.10	.88	66

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
NEW YORK	33 6340001 F01 SOUTHAMPTON	72	56			86	70	.56	.45	34
NEW YORK	33 6560001 F01 SUFFERN	72	43			143	122	1.00	.80	60
NEW YORK	33 6580001 F01 SUFFOLK COUNTY	72	50	2	1	358	191	.95	.76	57
NEW YORK	33 6580002 F01 SUFFOLK COUNTY	72	51	2		235	160	.80	.64	48
NEW YORK	33 6580011 F01 SUFFOLK COUNTY	72	59			140	100	.78	.62	47
NEW YORK	33 6590023 F01 SMITHTOWN	72	53			110	99	.78	.62	47
NEW YORK	33 7320003 F01 WESTCHESTER COUNTY	72	54			113	92	.70	.56	42
NEW YORK	33 7320004 F01 WESTCHESTER COUNTY	72	53			113	68	.50	.40	30
NEW YORK	33 7320005 F01 WESTCHESTER COUNTY	72	51			130	100	.73	.58	44
NEW YORK	33 7320006 F01 WESTCHESTER COUNTY	72	45	3		164	162	1.13	.90	63
NEW YORK	33 7400001 F01 WEST HAVERSTRAW	72	14			94	71			
NEW YORK	33 7480001 F01 WHITE PLAINS	72	52	1		158	135	1.11	.89	67
NEW YORK	33 7620001 A01 YONKERS	72	18	3		211	190			
NEW YORK	33 7620001 F01 YONKERS	72	48	2		157	152	1.20	.96	72
044 NORTHWESTERN CONNECTICUT			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
CONNECTICUT	07 1160001 F01 TORRINGTON	72	56	5		189	187	1.06	.85	64
CONNECTICUT	07 1240001 A01 WATERBURY	72	28			140	123	1.15	.92	69
CONNECTICUT	07 1460001 F01 WINCHESTER	72	49	1	1	319	130	.81	.65	49
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
DELAWARE	08 0140001 A01 NEWARK	72	25	1		151	116			
DELAWARE	08 0140002 F01 NEWARK	72	66	1		176	127	.98	.70	53
DELAWARE	08 0160001 F01 NEW CASTLE	72	86			112	97	.88	.70	53
DELAWARE	08 0180001 F01 NEW CASTLE COUNTY	72	92			144	117	1.03	.82	62
DELAWARE	08 0180003 F01 NEW CASTLE COUNTY	72	79			144	133	.90	.72	54
DELAWARE	08 0180004 F01 NEW CASTLE COUNTY	72	90	1		186	89	.75	.60	45
DELAWARE	08 0180005 F01 NEW CASTLE COUNTY	72	60			123	96			
DELAWARE	08 0180006 F01 NEW CASTLE COUNTY	72	93			96	81	.71	.57	43
DELAWARE	08 0180007 F01 NEW CASTLE COUNTY	72	72			137	116			
DELAWARE	08 0180010 F01 NEW CASTLE COUNTY	72	92	1		184	143	.91	.73	55
DELAWARE	08 0180011 F01 NEW CASTLE COUNTY	72	86			107	98	.86	.69	52
DELAWARE	08 0260002 F01 WILMINGTON	72	89	7		223	197	1.31	1.05	79
DELAWARE	08 0260003 A01 WILMINGTON	72	28	1		229	146	1.38	1.10	83
DELAWARE	08 0260004 F01 WILMINGTON	72	85	33	12	555	461	2.08	1.66	125
NEW JERSEY	31 0340001 F01 BERLIN BORO	72	22			83	82			
NEW JERSEY	31 0640002 F01 BURLINGTON	72	36			91	87			
NEW JERSEY	31 0660003 F01 BURLINGTON COUNTY	72	22			105	82			
NEW JERSEY	31 0660004 F01 BURLINGTON COUNTY	72	52			120	92	.61	.49	37
NEW JERSEY	31 0660005 F01 BURLINGTON COUNTY	72	40			87	84			
NEW JERSEY	31 0720001 A01 CAMDEN	72	19	4		199	189			
NEW JERSEY	31 0740001 F01 CAMDEN COUNTY	72	52			76	64	.51	.41	31
NEW JERSEY	31 0740002 A01 CAMDEN COUNTY	72	28			128	93	.98	.78	59
NEW JERSEY	31 1700001 A01 GLASSBORO	72	29			102	95	.86	.69	52
NEW JERSEY	31 2980001 F01 MERCER COUNTY	72	21			101	68			
NEW JERSEY	31 2980002 F01 MERCER COUNTY	72	42			122	94			
NEW JERSEY	31 2980003 F01 MERCER COUNTY	72	50	3	1	262	162	.95	.76	57
NEW JERSEY	31 5400001 A01 TRENTON	72	28			123	122	1.18	.94	71
NEW JERSEY	31 5400001 F01 TRENTON	72	55	1		171	150	1.13	.90	68

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIOS TO ANN. STDS SEC.	ANNUAL RATIOS TO ANN. STDS PRI.	ANNUAL GEOM. MEAN UG/CU.M.
PENNSYLVANIA	39 1080102 F01 BRISTOL	72	44	2	1	307	206	1.31	1.05	79
PENNSYLVANIA	39 1200105 F03 BUCKS COUNTY	72	48			100	87	.71	.57	43
PENNSYLVANIA	39 1200114 F01 BUCKS COUNTY	72	47			72	65	.66	.53	40
PENNSYLVANIA	39 1200117 F03 BUCKS COUNTY	72	37	1		167	82	.80	.64	48
PENNSYLVANIA	39 1620107 F01 CHESTER	72	45	2		187	159	1.35	1.08	81
PENNSYLVANIA	39 1660115 F02 CHESTER COUNTY	72	39	3		197	178	1.43	1.14	86
PENNSYLVANIA	39 2020112 F01 CONSHOHOCKEN	72	26	4	1	262	201			
PENNSYLVANIA	39 2460104 F01 DOWNINGTOWN	72	31	1		182	142			
PENNSYLVANIA	39 4720111 F03 LANSDALE	72	39	3		232	193	1.13	.90	68
PENNSYLVANIA	39 5620106 F01 MEDIA	72	43	2		216	166	1.23	.98	74
PENNSYLVANIA	39 6000103 F01 MONTGOMERY COUNTY	72	30			124	98			
PENNSYLVANIA	39 6930116 F03 OXFORD	72	29			115	93			
PENNSYLVANIA	39 7100109 F01 PERKASIE	72	34			78	76			
PENNSYLVANIA	39 7140001 A01 PHILADELPHIA	72	22	1		160	134			
PENNSYLVANIA	39 7140002 A10 PHILADELPHIA	72	43	16	2	399	397			
PENNSYLVANIA	39 7140003 H01 PHILADELPHIA	72	327	11		245	190	1.30	1.04	78
PENNSYLVANIA	39 7140004 H01 PHILADELPHIA	72	140	14		225	222	1.10	.88	65
PENNSYLVANIA	39 7200113 F01 PHOENIXVILLE	72	34			116	104	.96	.77	58
PENNSYLVANIA	39 7490101 F01 POTTSTOWN	72	36	3		242	206	1.23	.98	74
PENNSYLVANIA	39 7560109 F01 QUAKERTOWN	72	39			110	101	1.00	.80	60
PENNSYLVANIA	39 9160001 A01 WARMINSTER	72	5			76	73			
PENNSYLVANIA	39 9280110 F01 WEST CHESTER	72	47	1		174	121	1.11	.89	67
046 SOUTHERN DELAWARE			** PRIORITY 3				AS OF OCTOBER 06, 1973			
DELAWARE	08 0020001 F01 DOVER	72	75			94	90			
DELAWARE	08 0060001 A03 KENT COUNTY	72	13			82	60			
047 NATIONAL CAPITAL (D.C.-MD-VA)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
DIST COLUMBIA	09 0020001 A01 WASHINGTON	72	24	2		167	162			
DIST COLUMBIA	09 0020003 A10 WASHINGTON	72	104	12	2	389	325	1.50	1.20	90
MARYLAND	21 0200001 G01 BETHESDA	72	60			120	92	.73	.58	44
MARYLAND	21 0200004 F01 BETHESDA	72	58			143	86	.83	.66	50
MARYLAND	21 0320001 G01 CAPITOL HGTS MD	72	53			96	94	.81	.65	49
MARYLAND	21 0480001 G01 CHEVERLY MD	72	49			126	116	.91	.73	55
MARYLAND	21 0520001 K01 COLLEGE PARK	72	12	3	1	263	177			
MARYLAND	21 0780003 G01 GAITHERSBURG	72	59	1		175	124	.88	.70	53
MARYLAND	21 0990002 G01 HYATTSVILLE MD	72	52	1		163	142	.85	.68	51
MARYLAND	21 1060001 G01 LAUREL MD	72	48	1		179	138	.95	.76	57
MARYLAND	21 1160005 G01 MONTGOMERY COUNTY	72	9			71	69			
MARYLAND	21 1160008 G01 MONTGOMERY COUNTY	72	61			142	128	.71	.57	43
MARYLAND	21 1160010 F01 MONTGOMERY COUNTY	72	56			97	96	.76	.61	46
MARYLAND	21 1160011 G01 MONTGOMERY COUNTY	72	44			124	92			
MARYLAND	21 1300001 G01 PRINCE GEORGE'S COUNTY	72	59			90	78	.61	.49	37
MARYLAND	21 1300002 G01 PRINCE GEORGE'S COUNTY	72	51			110	103	.70	.56	42
MARYLAND	21 1300003 G01 PRINCE GEORGE'S COUNTY	72	54			79	78	.65	.52	39
MARYLAND	21 1300006 G01 PRINCE GEORGE'S COUNTY	72	59			129	122	.86	.69	52
MARYLAND	21 1300010 G01 PRINCE GEORGE'S COUNTY	72	54	2	1	273	172	1.06	.95	64

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIOS TO ANN. STDS SEC.	ANNUAL RATIOS TO ANN. STDS PRI.	ANNUAL GEOM. MEAN UG/CU.M.
MARYLAND	21 1300011 G01	PRINCE GEORGE'S COUNTY	72	53			99	98	.71	.57	43
MARYLAND	21 1300012 G01	PRINCE GEORGE'S COUNTY	72	55	1		178	80	.66	.53	40
MARYLAND	21 1300018 G01	PRINCE GEORGE'S COUNTY	72	38			72	62	.53	.42	32
MARYLAND	21 1300019 G01	PRINCE GEORGE'S COUNTY	72	57			99	91	.73	.58	44
MARYLAND	21 1300020 G01	PRINCE GEORGE'S COUNTY	72	54			115	77	.70	.56	42
MARYLAND	21 1300021 G01	PRINCE GEORGE'S COUNTY	72	55			96	89	.80	.64	48
MARYLAND	21 1380002 G01	ROCKVILLE	72	57	1		178	116	.96	.77	58
MARYLAND	21 1480001 G01	SILVER SPRING	72	59			138	106	.80	.64	48
MARYLAND	21 1480003 F01	SILVER SPRING	72	53			130	95	.85	.68	51
MARYLAND	21 1480005 G01	SILVER SPRING	72	54			144	124	.83	.66	50
MARYLAND	21 1480007 G01	SILVER SPRING	72	55			125	92	.78	.62	47
VIRGINIA	48 0080004 F02	ALEXANDRIA	72	56	2		164	163			
VIRGINIA	48 0080004 H01	ALEXANDRIA	72	19	1		156	129			
VIRGINIA	48 0080007 H01	ALEXANDRIA	72	90			134	122	1.05	.84	63
VIRGINIA	48 0080009 H01	ALEXANDRIA	72	87	1		153	140	1.18	.94	71
VIRGINIA	48 0080010 H01	ALEXANDRIA	72	87			149	100	.96	.77	58
VIRGINIA	48 0080011 H01	ALEXANDRIA	72	88			145	117	1.06	.85	64
VIRGINIA	48 0080012 H01	ALEXANDRIA	72	84			134	111	.98	.78	59
VIRGINIA	48 0080019 H01	ALEXANDRIA	72	69	3		182	169	1.20	.96	72
VIRGINIA	48 0170001 G01	ANNANDALE	72	30			112	63			
VIRGINIA	48 0200002 G01	ARLINGTON COUNTY	72	62			139	130			
VIRGINIA	48 0200003 G02	ARLINGTON COUNTY	72	46	1		182	144			
VIRGINIA	48 0200012 G01	ARLINGTON COUNTY	72	62			122	110			
VIRGINIA	48 0200014 G03	ARLINGTON COUNTY	72	47			136	116			
VIRGINIA	48 0200015 G01	ARLINGTON COUNTY	72	51	1		185	145			
VIRGINIA	48 0200017 G02	ARLINGTON COUNTY	72	61			139	125			
VIRGINIA	48 0270007 G01	BAILEY'S CROSSROADS	72	93			125	113			
VIRGINIA	48 1040003 G01	FAIRFAX VA	72	123			111	102	.78	.62	47
VIRGINIA	48 1060001 A01	FAIRFAX COUNTY	72	30			87	83	.76	.61	46
VIRGINIA	48 1060005 G01	FAIRFAX CO VA	72	119			99	89	.70	.56	42
VIRGINIA	48 1080003 G01	FALLS CHURCH VA	72	124			148	123	1.05	.84	63
VIRGINIA	48 1410001 G01	GROVETON	72	116			122	121	.93	.74	56
VIRGINIA	48 1720001 F02	LEESBURG	72	111			126	117	.78	.62	47
VIRGINIA	48 1760002 F02	LOUDOUN COUNTY	72	109	19	4	366	301	1.26	1.01	76
VIRGINIA	48 1850010 G01	MCLEAN	72	90			135	101			
VIRGINIA	48 1880001 F01	MANASSAS	72	62	2		200	159	1.08	.86	65
VIRGINIA	48 2520006 F01	PRINCE WILLIAM COUNTY	72	27	4	2	351	295			
VIRGINIA	48 2520007 F02	PRINCE WILLIAM COUNTY	72	18			137	93			
VIRGINIA	48 2630001 G01	RESTON	72	109			104	94	.66	.53	40
VIRGINIA	48 3020002 G01	SPRINGFIELD	72	102			123	111	.90	.72	54
VIRGINIA	48 3430001 F01	WOODBRIDGE	72	73	2		228	162	1.00	.80	60
048 CENTRAL FLORIDA				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
FLORIDA	10 2680001 F01	MERRITT ISLAND	72	37			59	57			
FLORIDA	10 3280002 F01	ORLANDO	72	12			116	67			
FLORIDA	10 3280003 F01	ORLANDO	72	14			81	61			
FLORIDA	10 4480001 F01	TITUSVILLE	72	15			61	56			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
049 JACKSONVILLE-BRUNSWICK (FLA-GA)				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
FLORIDA	10 1960002 A01	JACKSONVILLE	72	28			103	96	.40	.64	48
FLORIDA	10 1960004 H01	JACKSONVILLE	72	285	20	3	420	365	1.21	.97	73
FLORIDA	10 1960017 H01	JACKSONVILLE	72	43	1		177	91			
FLORIDA	10 1960028 H01	JACKSONVILLE	72	35			134	117			
FLORIDA	10 1960031 H01	JACKSONVILLE	72	43	1		185	74			
FLORIDA	10 1960032 H01	JACKSONVILLE	72	44	4	1	305	234			
FLORIDA	10 1960033 H01	JACKSONVILLE	72	45	1		154	108			
FLORIDA	10 1960038 H01	JACKSONVILLE	72	42	1		180	150			
FLORIDA	10 1960039 H01	JACKSONVILLE	72	45	2		191	151			
FLORIDA	10 1960042 H01	JACKSONVILLE	72	41			33	65			
FLORIDA	10 1960043 H01	JACKSONVILLE	72	38			94	75			
FLORIDA	10 1960045 H01	JACKSONVILLE	72	43			109	90			
GEORGIA	11 0630001 F01	BRUNSWICK	72	14	1		162	133			
050 SOUTHEAST FLORIDA				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
FLORIDA	10 0280002 G01	BOCA RATON	72	22			49	40			
FLORIDA	10 0860007 P02	DADE COUNTY	72	97			59	52			
FLORIDA	10 0860008 P02	DADE COUNTY	72	97			66	58			
FLORIDA	10 0860009 P02	DADE COUNTY	72	97			66	62			
FLORIDA	10 0860010 P02	DADE COUNTY	72	93			59	47			
FLORIDA	10 0860011 P02	DADE COUNTY	72	97			60	58			
FLORIDA	10 1000002 G01	DELRAY BEACH	72	23			67	55			
FLORIDA	10 2700002 A01	MIAMI	72	28			132	113	1.03	.82	62
FLORIDA	10 3420003 G01	PALM BEACH COUNTY	72	22			46	40			
FLORIDA	10 3420004 G01	PALM BEACH COUNTY	72	23			39	35			
FLORIDA	10 3420005 G01	PALM BEACH COUNTY	72	17			67	49			
FLORIDA	10 4450001 G01	TEQUESTA	72	20			44	39			
052 WEST CENTRAL FLORIDA				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
FLORIDA	10 0320002 G02	BRADENTON	72	14			94	81			
FLORIDA	10 1680001 A03	HARDEE COUNTY	72	24			84	69	.48	.38	29
FLORIDA	10 1865001 G02	HOLMES BEACH	72	12			66	53			
FLORIDA	10 2540004 G03	MANATEE COUNTY	72	12			87	41			
FLORIDA	10 2540005 G02	MANATEE COUNTY	72	24			72	64			
FLORIDA	10 2540008 G02	MANATEE COUNTY	72	27			107	67			
FLORIDA	10 2540011 G02	MANATEE COUNTY	72	10			87	80			
FLORIDA	10 2540012 G02	MANATEE COUNTY	72	21	7	4	975	659			
FLORIDA	10 3440001 G02	PALMETTO	72	10			79	65			
FLORIDA	10 3980002 A01	ST PETERSBURG	72	28			74	59	.75	.60	45
FLORIDA	10 4360002 A01	TAMPA	72	27			136	121	1.25	1.00	75
053 AUGUSTA-AIKEN (GA-S.C.)				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
GEORGIA	11 0220001 F01	AUGUSTA	72	19			85	82			
SOUTH CAROLINA	42 0060001 F01	AIKEN	72	52			140	121	.81	.65	49
SOUTH CAROLINA	42 0080001 F01	AIKEN COUNTY	72	42			106	95			
SOUTH CAROLINA	42 0140001 F01	ALLENDALE	72	11			97	79			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
							SEC.	PRI.	1ST	2ND	SEC.	PRI.	
SOUTH CAROLINA	42	1800001	F01	NORTH AUGUSTA	72	17			72	70			
SOUTH CAROLINA	42	1840001	F01	ORANGEBURG	72	56			105	95	.71	.57	43
054 CENTRAL GEORGIA						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
GEORGIA	11	3340002	F01	LYONS	72	17	1		183	88			
GEORGIA	11	3440002	F01	MACON	72	25	1		156	124			
GEORGIA	11	3440003	F01	MACON	72	25	2		189	162			
GEORGIA	11	3440004	F01	MACON	72	20	1		151	83			
GEORGIA	11	3440005	F01	MACON	72	27			133	125			
055 CHATTANOOGA (GA-TENN)						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
GEORGIA	11	0900001	F01	CATOOSA COUNTY	72	18	1		155	110			
GEORGIA	11	4380001	F01	ROME	72	31	1		159	132			
GEORGIA	11	4400002	F01	ROSSVILLE	72	25	3	1	274	184			
TENNESSEE	44	0380001	A01	CHATTANOOGA	72	26	4	1	401	251	1.76	1.41	106
TENNESSEE	44	0380006	G01	CHATTANOOGA	72	53	9		186	179	1.55	1.24	93
TENNESSEE	44	0380017	G01	CHATTANOOGA	72	52	2		176	163	.73	.58	44
TENNESSEE	44	0380018	G01	CHATTANOOGA	72	89	7	3	450	316	1.03	.82	62
TENNESSEE	44	0380019	G01	CHATTANOOGA	72	57	15		217	208	1.50	1.20	90
TENNESSEE	44	0380020	G01	CHATTANOOGA	72	314	40	3	283	268	1.53	1.22	92
TENNESSEE	44	0380021	G01	CHATTANOOGA	72	48			116	110	.61	.49	37
TENNESSEE	44	0900001	G01	EAST RIDGE	72	19			138	129			
TENNESSEE	44	1280002	G01	HAMILTON COUNTY	72	39	1		156	136			
056 METROPOLITAN ATLANTA (GA)						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
GEORGIA	11	0200001	A01	ATLANTA	72	29	1		203	134	1.36	1.09	92
GEORGIA	11	1600001	F01	DECATUR	72	12			83	80			
GEORGIA	11	1640001	F01	DEKALB COUNTY	72	10			64	58			
GEORGIA	11	1820001	F01	DOUGLASVILLE	72	19			122	122			
GEORGIA	11	2160001	F01	FOREST PARK	72	21			134	107			
GEORGIA	11	3180001	F01	LAWRENCEVILLE	72	15			95	92			
GEORGIA	11	3370001	F01	MCDONOUGH	72	18			105	98			
GEORGIA	11	3540001	F01	MARIETTA	72	23			92	91			
057 NORTHEAST GEORGIA						** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
GEORGIA	11	0160001	F01	ATHENS	72	7			81	67			
GEORGIA	11	2280001	F01	GAINESVILLE	72	27			88	59			
058 SAVANNAH-BEAUFORT (GA-S.C.)						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
GEORGIA	11	4500001	A01	SAVANNAH	72	27	1		180	124	1.05	.84	63
GEORGIA	11	4500001	F01	SAVANNAH	72	16	1		144	137			
GEORGIA	11	4500002	F01	SAVANNAH	72	15	5	1	396	254			
GEORGIA	11	4500003	F01	SAVANNAH	72	13			138	133			
GEORGIA	11	4500005	F01	SAVANNAH	72	10			57	56			
SOUTH CAROLINA	42	0340001	F01	BEAUFORT	72	55			82	79	.60	.48	36
SOUTH CAROLINA	42	0340006	F01	BEAUFORT	72	56	1		157	90	.68	.54	41
SOUTH CAROLINA	42	0360001	F01	BEAUFORT COUNTY	72	51			94	80	.56	.45	34

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		A N N U A L RATIOS TO ANN. STDS		GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
059 SOUTHWEST GEORGIA			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
GEORGIA	11 0040002 F01 ALBANY	72	30			134	133		.	
GEORGIA	11 5220002 F01 VALDOSTA	72	30			105	100	-	-	
060 HAWAII			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
HAWAII	12 0040001 F02 EWA	72	25	16	7	489	432	.		
HAWAII	12 0040002 F02 EWA	72	89	1		154	128	.		
HAWAII	12 0080001 A05 HAWAII COUNTY	72	28			22	20	.11	.09	7
HAWAII	12 0090002 A05 HAWAII COUNTY	72	29			70	63	.53	.42	32
HAWAII	12 0090001 A03 HAWAII VOLCANOES N P	72	27			59	42	.25	.20	15
HAWAII	12 0100001 F01 HILO	72	78			108	94	.53	.42	32
HAWAII	12 0120001 A01 HONOLULU	72	30			70	66	.66	.53	40
HAWAII	12 0120001 F01 HONOLULU	72	363			114	109	.65	.52	39
HAWAII	12 0120004 F01 HONOLULU	72	123	2		232	185	1.25	1.00	75
HAWAII	12 0120005 F01 HONOLULU	72	113			131	131	1.13	.90	68
HAWAII	12 0160001 F01 KAHULUI	72	101	1		184	104	.96	.77	58
HAWAII	12 0340001 F03 MAUI COUNTY	72	79			125	124		.	
HAWAII	12 0370001 F01 PEARL CITY	72	112	1		171	91	.70	.56	42
HAWAII	12 0480002 F03 WAIMANALO	72	110			78	77	.53	.42	32
061 EASTERN IDAHO			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
IDAHO	13 0080004 F02 BANNOCK COUNTY	72	73	19	3	292	287	.	.	
IDAHO	13 0080013 F02 BANNOCK COUNTY	72	22	10		220	203	-		
IDAHO	13 0340001 A03 BUTTE COUNTY	72	26			35	28	.18	.14	11
IDAHO	13 0420002 F02 CARIBOU COUNTY	72	100	3		236	198	.60	.48	36
IDAHO	13 0420013 F02 CARIBOU COUNTY	72	58	22	8	475	449	.	.	
IDAHO	13 0760004 F01 IDAHO FALLS	72	130	22	2	303	272	1.48	1.18	89
IDAHO	13 1240003 F02 POCATELLO	72	30			141	99	.		
IDAHO	13 1240004 F02 POCATELLO	72	40	3		169	159	.	-	
IDAHO	13 1240005 F02 POCATELLO	72	55			141	129	.	.	
IDAHO	13 1240006 F02 POCATELLO	72	58	3		210	190		-	
062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTO			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
IDAHO	13 0500001 F01 COEUR D'ALENE	72	101	4		254	214	1.08	.86	65
IDAHO	13 0840006 F02 KELLOGG	72	36	12	1	346	241	1.95	1.56	117
IDAHO	13 0860002 F03 KOOTENAI COUNTY	72	36	2		168	152	.76	.61	46
IDAHO	13 0940001 F02 LEWISTON	72	55	19	1	297	218	.		
IDAHO	13 0940004 F01 LEWISTON	72	232	38	5	387	335	1.68	1.34	101
IDAHO	13 0940005 F01 LEWISTON	72	78	9	1	268	217	1.41	1.13	85
IDAHO	13 1060001 F01 MOSCOW	72	17	2		201	181	.	.	
IDAHO	13 1420004 F02 SHOSHONE COUNTY	72	37	13	3	273	269	2.18	1.74	131
WASHINGTON	49 0040001 F03 ADAMS COUNTY	72	18	2	1	331	152		.	
WASHINGTON	49 0380001 F01 CLARKSTON	72	74	15		232	229	1.53	1.22	92
WASHINGTON	49 0380002 F01 CLARKSTON	72	8	3		246	214	-	-	
WASHINGTON	49 0400001 F01 COLFAX	72	83	9		226	199	1.21	.97	73
WASHINGTON	49 0620001 F01 EPHRATA	72	92			140	95	.56	.45	34
WASHINGTON	49 0820001 F03 GRANT COUNTY	72	87			133	126	.63	.50	38
WASHINGTON	49 1120001 F01 LINCOLN COUNTY	72	24	4	2	344	310	.	.	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
					SEC.	PRI.	1ST	2ND	SEC.	PRI.	
WASHINGTON	49 1260001 F01	MOSES LAKE	72	16			111	101	-	-	
WASHINGTON	49 2040001 A01	SPOKANE	72	29	5	2	316	307	1.45	1.16	87
WASHINGTON	49 2040001 I01	SPOKANE	72	24	1		185	140		-	
WASHINGTON	49 2040011 F01	SPOKANE	72	92	5		235	197	1.20	.96	72
WASHINGTON	49 2040012 F01	SPOKANE	72	92	29	3	330	317	1.63	1.30	98
063 IDAHO (REMAINDER)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
IDAHO	13 1460001 F01	TWIN FALLS	72	137	47	11	484	450	1.96	1.57	118
IDAHO	13 1460002 F01	TWIN FALLS	72	172	5		190	186			
IDAHO	13 1480001 F03	TWIN FALLS COUNTY	72	100	4		221	212	.76	.61	46
064 METROPOLITAN BOISE (IDAHO)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
IDAHO	13 0020001 F03	ADA COUNTY	72	113	1		242	124	.65	.52	39
IDAHO	13 0220001 A01	BOISE	72	29	1		254	130	1.15	.92	69
IDAHO	13 0220002 F01	BOISE	72	74	14	1	307	237	1.70	1.36	102
IDAHO	13 0220003 F01	BOISE	72	43	6	1	423	199			
IDAHO	13 0220005 F01	BOISE	72	241	1		156	138	.95	.76	57
IDAHO	13 0360001 F01	CALDWELL	72	83	8		221	175	1.43	1.14	86
IDAHO	13 1120001 F01	NAMPA	72	87	28	11	553	437	1.90	1.52	114
065 BURLINGTON-KEOKUK (ILL-IOWA)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ILLINOIS	14 6080001 A01	PEORIA	72	30	1		186	109	1.30	1.04	78
IOWA	16 2160001 F01	KEOKUK	72	50	1	1	299	150	1.08	.86	65
IOWA	16 2160002 F01	KEOKUK	72	37	11	8	667	655	1.95	1.56	117
067 METROPOLITAN CHICAGO (ILL-IND)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ILLINOIS	14 0500001 G01	BLUE ISLAND	72	126	10	1	291	224	1.10	.88	66
ILLINOIS	14 0780001 G01	CALUMET CITY	72	127	7		195	189	.93	.74	56
ILLINOIS	14 1220001 A01	CHICAGO	72	27	3	1	336	222	1.61	1.29	97
ILLINOIS	14 1220002 A10	CHICAGO	72	132	71	9	897	378	2.58	2.06	155
ILLINOIS	14 1220003 H01	CHICAGO	72	139	9	1	295	200	1.15	.92	69
ILLINOIS	14 1220004 H01	CHICAGO	72	142	5	1	290	216	1.33	1.06	80
ILLINOIS	14 1220005 H01	CHICAGO	72	138	16	1	334	206	1.68	1.34	101
ILLINOIS	14 1220006 H01	CHICAGO	72	137	11	1	310	251	1.35	1.08	81
ILLINOIS	14 1220007 H01	CHICAGO	72	127	17		236	217	1.50	1.20	90
ILLINOIS	14 1220009 H01	CHICAGO	72	129	16		227	225	1.38	1.10	83
ILLINOIS	14 1220010 H01	CHICAGO	72	137	17	1	270	246	1.31	1.05	79
ILLINOIS	14 1220011 H01	CHICAGO	72	140	6	1	296	186	1.11	.89	67
ILLINOIS	14 1220012 H01	CHICAGO	72	125	33	2	376	321	1.93	1.54	116
ILLINOIS	14 1220013 H01	CHICAGO	72	133	23	4	303	300	1.70	1.36	102
ILLINOIS	14 1220014 H01	CHICAGO	72	135	14	1	283	260	1.45	1.16	87
ILLINOIS	14 1220015 H01	CHICAGO	72	138	18	2	338	294	1.60	1.29	96
ILLINOIS	14 1220016 H01	CHICAGO	72	119	14		228	229	1.33	1.06	80
ILLINOIS	14 1220017 H01	CHICAGO	72	139	14		249	244	1.40	1.12	84
ILLINOIS	14 1220018 H01	CHICAGO	72	135	25	8	454	366	1.68	1.34	101
ILLINOIS	14 1220019 H01	CHICAGO	72	128	20	2	341	272	1.46	1.17	88
ILLINOIS	14 1220020 H01	CHICAGO	72	130	2	1	317	193	1.18	.94	71
ILLINOIS	14 1220021 H01	CHICAGO	72	140	15		245	233	1.45	1.16	87

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
ILLINOIS	14 1220022 H01 CHICAGO	72	136	59	9	397	320	2.23	1.78	134
ILLINOIS	14 1220025 H01 CHICAGO	72	139	9		246	240	1.33	1.06	80
ILLINOIS	14 1220028 H01 CHICAGO	72	135	13	1	282	231	1.41	1.13	85
ILLINOIS	14 1220029 H01 CHICAGO	72	143	1		153	141	.80	.64	48
ILLINOIS	14 1220030 H01 CHICAGO	72	135	26	5	404	322	1.55	1.24	93
ILLINOIS	14 1220031 H01 CHICAGO	72	137	40	7	332	309	1.85	1.48	111
ILLINOIS	14 1220032 H01 CHICAGO	72	128	7	1	277	236	1.15	.92	69
ILLINOIS	14 1240001 G01 CHICAGO HEIGHTS	72	127			133	131	.78	.62	47
ILLINOIS	14 1340001 G01 CICERO	72	127	7		214	186	1.23	.98	74
ILLINOIS	14 1540001 G01 COOK COUNTY	72	127	6		192	189	1.03	.82	62
ILLINOIS	14 1840001 G01 DES PLAINES	72	125	1		167	125	.73	.58	44
ILLINOIS	14 2520001 G01 FLOSSMOOR	72	127	2	1	275	169	.83	.66	50
ILLINOIS	14 2620001 G01 FRANKLIN PARK	72	118	1		178	131	.88	.70	53
ILLINOIS	14 3180001 G01 HARVEY	72	126	2		156	152	.93	.74	56
ILLINOIS	14 3420001 G01 HILLSIDE	72	127	6		194	177	.98	.78	59
ILLINOIS	14 3760001 A01 JOLIET	72	26	4		251	198	1.75	1.40	105
ILLINOIS	14 4960001 G01 MAYWOOD	72	127	2		199	166	.98	.78	59
ILLINOIS	14 5080001 G01 MIDLOTHIAN	72	127			126	123	.70	.56	42
ILLINOIS	14 5540001 G01 NILES	72	128	1		193	145	.76	.61	46
ILLINOIS	14 5620002 A01 NORTH CHICAGO	72	30			135	131	1.13	.90	58
ILLINOIS	14 5740001 G01 OAK PARK	72	126			123	114	.68	.54	41
ILLINOIS	14 5860001 G01 ORLAND PARK	72	124	2		170	169	.78	.62	47
ILLINOIS	14 5900001 G01 PALATINE	72	127			96	85	.55	.44	33
ILLINOIS	14 6000001 G01 PARK FOREST	72	126	1		246	145	.71	.57	43
ILLINOIS	14 6540001 G01 PIVER FOREST	72	68	1		176	142		*	
ILLINOIS	14 8360001 G01 WILMETTE	72	127			116	109	.63	.50	39
INDIANA	15 0680001 F02 CHESTERTON	72	29			112	103	*	*	
INDIANA	15 1180001 A01 EAST CHICAGO	72	27	7	3	373	300	1.93	1.54	116
INDIANA	15 1180001 F02 FAST CHICAGO	72	45	16	5	415	344	*	*	
INDIANA	15 1180003 F02 EAST CHICAGO	72	44	19	5	488	342	*	*	
INDIANA	15 1180004 F02 EAST CHICAGO	72	44	23	8	478	411	*	*	
INDIANA	15 1180006 F02 EAST CHICAGO	72	43	17	6	365	353	*	*	
INDIANA	15 1190007 F02 EAST CHICAGO	72	44	7	1	605	253	*	*	
INDIANA	15 1520001 A01 GARY	72	29	6	1	377	242	1.75	1.40	105
INDIANA	15 1520001 F01 GARY	72	72	17		247	232	*	*	
INDIANA	15 1520002 F01 GARY	72	87	19	5	304	302	*	*	
INDIANA	15 1520003 F01 GARY	72	83	18	3	349	343	*	*	
INDIANA	15 1520004 F01 GARY	72	271	101	33	590	476	*	*	
INDIANA	15 1520005 F01 GARY	72	91	2		159	157	*	*	
INDIANA	15 1520008 F01 GARY	72	86	6		169	162	*	*	
INDIANA	15 1520009 F01 GARY	72	89	16	4	346	322	*	*	
INDIANA	15 1520012 F01 GARY	72	89	24	5	592	379	*	*	
INDIANA	15 1520013 F02 GARY	72	64	8	2	388	264	*	*	
INDIANA	15 1780001 A01 HAMMOND	72	29	9	4	377	322	1.95	1.48	111
INDIANA	15 1780001 F01 HAMMOND	72	46	12	4	387	307	*	*	
INDIANA	15 1780002 F01 HAMMOND	72	52	14	1	337	255	*	*	
INDIANA	15 1780004 F01 HAMMOND	72	52	13	2	358	318	*	*	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
INDIANA	15 1780005 F02 HAMMOND	72	50	16	2	274	262	-	-	
INDIANA	15 1780006 H01 HAMMOND	72	35	10	1	264	255	-	-	
INDIANA	15 1780007 H01 HAMMOND	72	36	5		254	228	-	-	
INDIANA	15 3420005 F02 PORTER COUNTY	72	24			122	84	-	-	
INDIANA	15 3420006 F02 PORTER COUNTY	72	24	1		155	127	-	-	
INDIANA	15 3420007 F02 PORTER COUNTY	72	26			140	135	-		
INDIANA	15 3420008 F02 PORTER COUNTY	72	27	1		160	123		-	
INDIANA	15 3420009 F02 PORTER COUNTY	72	20			147	141		-	
INDIANA	15 3420010 F02 PORTER COUNTY	72	22	2		153	152	-		
INDIANA	15 4200002 F02 VALPARAISO	72	31	1		225	135		-	
068 METROPOLITAN DUBUQUE (ILL-IOWA-WISC)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
IOWA	16 1260001 A01 DUBUQUE	72	25	3		215	196	1.11	.89	67
069 METROPOLITAN QUAD CITIES (ILL-IOWA)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ILLINOIS	14 5120001 A01 MOLINE	72	25	1		194	136			
ILLINOIS	14 6700001 A01 ROCK ISLAND	72	29	4		219	210	1.33	1.06	90
IOWA	16 0920011 F01 CLINTON	72	51			132	114	.68	.54	41
IOWA	16 1060001 A01 DAVENPORT	72	26	12	3	340	326	2.11	1.69	127
IOWA	16 1060009 F01 DAVENPORT	72	55	7		230	216	1.68	1.34	101
070 METROPOLITAN ST. LOUIS (ILL-MO)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ILLINOIS	14 2120004 A01 E ST LOUIS	72	30	5		214	160	1.66	1.33	100
MISSOURI	26 0200001 G01 BELLEFONTAINE NEIGHBORS	72	54	6		219	206	1.36	1.09	82
MISSOURI	26 0260001 G01 BERKELEY	72	58	1		161	145	1.11	.89	67
MISSOURI	26 1040002 G01 CLAYTON	72	54	2		163	155	1.13	.90	68
MISSOURI	26 2320001 G01 JENNINGS	72	58	4		207	173	1.40	1.12	94
MISSOURI	26 2630002 G01 LEMAY	72	57	2		187	152	1.21	.97	73
MISSOURI	26 2630003 G01 LEMAY	72	50	13	4	379	361	-	-	
MISSOURI	26 4120001 G01 ST ANN	72	47			133	125	1.13	.90	69
MISSOURI	26 4140001 F01 ST. CHARLES CITY	72	49			149	138	.96	.77	58
MISSOURI	26 4140002 F01 ST. CHARLES CITY	72	36	5		218	184	-	-	
MISSOURI	26 4280001 A01 ST LOUIS	72	27			138	137	1.55	1.24	93
MISSOURI	26 4280002 A10 ST LOUIS	72	161	50	3	393	275	2.00	1.60	120
MISSOURI	26 4300003 G01 ST LOUIS COUNTY	72	57	1		157	110	.83	.66	50
072 PADUCAH-CAIRO (ILL-KY)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
KENTUCKY	18 0100002 F01 BALLARD COUNTY	72	49			122	119	.93	.74	56
KENTUCKY	18 0100003 F01 BALLARD COUNTY	72	49			142	130	1.00	.80	69
KENTUCKY	18 0560001 F01 CARLISLE COUNTY	72	48	1		195	114	.63	.50	38
KENTUCKY	18 1860002 F01 HOPKINSVILLE	72	16			146	125	-	-	
KENTUCKY	18 2320001 F01 LIVINGSTON COUNTY	72	44			135	135	-	-	
KENTUCKY	18 2460001 F02 MCCRACKEN COUNTY	72	39	1		153	124	.80	.64	48
KENTUCKY	18 2540001 F01 MADISONVILLE	72	35	1		229	133	1.08	.86	65
KENTUCKY	18 2600002 F01 MARSHALL COUNTY	72	47	1		154	131	-	-	
KENTUCKY	18 2600008 F01 MARSHALL COUNTY	72	43	3		179	168	-	-	
KENTUCKY	18 2600009 F01 MARSHALL COUNTY	72	32	2		170	167	-	-	
KENTUCKY	18 2980001 F01 MURRAY KY	72	45			135	101		-	
KENTUCKY	18 3180001 F01 PADUCAH	72	42			147	131	.93	.74	56

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
KENTUCKY	18 3180002 F01	PADUCAH	72	49	1		157	144	1.01	.81	61
KENTUCKY	18 3180003 F01	PADUCAH	72	45	5	1	326	226	1.46	1.17	98
KENTUCKY	18 3180004 F01	PADUCAH	72	44	1		174	143	1.26	1.01	76
KENTUCKY	18 3180005 F03	PADUCAH	72	33	1		168	112			
KENTUCKY	18 3180019 F01	PADUCAH	72	39	6		259	177			
073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
ILLINOIS	14 6680001 A01	ROCKFORD	72	24			150	145			
075 WEST CENTRAL ILLINOIS				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
ILLINOIS	14 7280001 A01	SPRINGFIELD	72	27			139	135	1.28	1.02	77
NORTH CAROLINA	34 0340006 G02	BESSEMER CITY	72	14			131	95			
076 EAST CENTRAL INDIANA				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
INDIANA	15 0080001 F01	ANDERSON	72	21			150	127			
INDIANA	15 2620001 F01	MARION	72	20			119	92			
INDIANA	15 2920001 A01	MUNCIE	72	5			93	86			
INDIANA	15 3580001 F01	RICHMOND	72	22	3		241	162			
077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
INDIANA	15 1120001 F01	DUBOIS COUNTY	72	7	1		223	135			
INDIANA	15 1120002 F03	DUBOIS COUNTY	72	6			85	35			
INDIANA	15 1300001 A01	EVANSVILLE	72	30			136	130	1.25	1.00	75
INDIANA	15 1300001 F01	EVANSVILLE	72	22			130	112			
INDIANA	15 1300002 F01	EVANSVILLE	72	36	1		190	135			
INDIANA	15 1300003 F01	EVANSVILLE	72	31	5		204	190			
INDIANA	15 1300004 F01	EVANSVILLE	72	31	1		150	148			
INDIANA	15 1300006 F01	EVANSVILLE	72	39			146	141			
INDIANA	15 1980001 F01	HUNTINGBURG	72	7	1		221	77			
INDIANA	15 2080001 F01	JASPER	72	21	1		157	116			
INDIANA	15 2080002 F02	JASPER	72	7			135	70			
INDIANA	15 3320001 F02	PETERSBURG	72	12			90	86			
KENTUCKY	18 1580002 F01	HANCOCK COUNTY	72	56			117	108	.93	.74	56
KENTUCKY	18 1580004 F01	HANCOCK COUNTY	72	13			91	80			
KENTUCKY	18 1740002 F01	HENDERSON	72	61	3		169	169	1.41	1.13	85
KENTUCKY	18 1740003 F01	HENDERSON	72	60	1		193	134	1.03	.82	62
KENTUCKY	18 1740004 F01	HENDERSON	72	62	1		162	144	1.18	.94	71
KENTUCKY	18 1740005 F01	HENDERSON	72	58	4		154	153	1.40	1.12	84
KENTUCKY	18 1740006 F01	HENDERSON	72	56			120	116	.96	.77	58
KENTUCKY	18 1740007 F01	HENDERSON	72	46	5		166	160			
KENTUCKY	18 3140001 F01	OWENSBORO	72	58	12	1	287	251	1.61	1.29	97
KENTUCKY	18 3140002 F01	OWENSBORO	72	56	6		207	201	1.40	1.12	84
KENTUCKY	18 3140003 F01	OWENSBORO	72	57	1		169	149	.98	.78	59
KENTUCKY	18 3140004 F01	OWENSBORO	72	55	5		185	184	1.58	1.26	95
KENTUCKY	18 3140005 F01	OWENSBORO	72	59	1		161	142	1.26	1.01	76
KENTUCKY	18 3140006 F01	OWENSBORO	72	61	1		165	143	1.16	.93	70
078 LOUISVILLE (IND-KY)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
INDIANA	15 2980002 A01	NEW ALBANY	72	26	3	1	343	235			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		A N N U A L RATIOS TO ANN. STDS		GEOM. MEAN
							SEC.	PRI.	1ST	2ND	SEC.	PRI.	UG/CU.M.
KENTUCKY	18	1920013	G01	JEFFERSON COUNTY	72	60	5		233	174	1.48	1.18	89
KENTUCKY	18	1920023	G01	JEFFERSON COUNTY	72	57	1		210	141	1.01	.81	61
KENTUCKY	18	1920024	G01	JEFFERSON COUNTY	72	33	4		239	190	-	-	
KENTUCKY	18	1920025	G01	JEFFERSON COUNTY	72	50	1		220	132		-	
KENTUCKY	18	2380002	A01	LOUISVILLE	72	18	2		234	222	-	-	
KENTUCKY	18	2380002	F01	LOUISVILLE KY	72	44	1		160	148	-	-	
KENTUCKY	18	2380004	G01	LOUISVILLE	72	60	3		223	180	1.45	1.16	97
KENTUCKY	18	2380007	G01	LOUISVILLE	72	56	25	12	787	737	2.45	1.96	147
KENTUCKY	18	2380008	G01	LOUISVILLE	72	6			35	35	-	-	
KENTUCKY	18	2380009	G01	LOUISVILLE	72	6			35	35		-	
KENTUCKY	18	2380011	G01	LOUISVILLE	72	36			45	45		-	
KENTUCKY	18	2380012	G01	LOUISVILLE	72	52	5		215	164	1.48	1.18	89
KENTUCKY	18	2380013	G01	LOUISVILLE	72	15			15	15		-	
KENTUCKY	18	2380014	G01	LOUISVILLE	72	58	1		152	136	1.36	1.09	82
KENTUCKY	18	2380015	G01	LOUISVILLE	72	31	3		186	185	-	-	
KENTUCKY	18	3090001	G01	OKOLONA	72	61	17		259	236	1.96	1.57	118
KENTUCKY	18	3360001	G01	PLEASURE RIDGE PARK	72	52	1		193	114	.90	.72	54
KENTUCKY	18	3620001	G01	ST. MATTHEWS	72	56	1		171	119	.91	.73	55
KENTUCKY	18	3620004	G01	ST MATTHEWS	72	14			134	132	-	-	
KENTUCKY	18	3720002	G01	SHIVELY	72	52	13	1	271	243	1.70	1.36	102
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
KENTUCKY	18	0030001	F01	ALEXANDRIA	72	53	1		168	148	1.11	.89	67
KENTUCKY	18	0280001	F01	BOONE COUNTY	72	59			137	137	1.08	.86	65
KENTUCKY	18	0280002	F01	BOONE COUNTY	72	61			148	147	1.06	.85	64
KENTUCKY	18	0580001	F03	CARROLL COUNTY	72	61			126	109	.75	.60	45
KENTUCKY	18	0600001	F01	CARROLLTON	72	58			104	99	.83	.66	50
KENTUCKY	18	0800002	F01	COVINGTON	72	61	3		169	165	1.48	1.18	89
KENTUCKY	18	1100001	F01	ERLANGER	72	60	1		168	129	1.06	.85	64
KENTUCKY	18	1140001	F01	FALMOUTH	72	11			56	53	-	-	
KENTUCKY	18	1220001	F01	FLORENCE	72	57	1		154	131	1.05	.84	63
KENTUCKY	18	1255001	F01	FORT MITCHELL	72	59	1		201	143	.90	.72	54
KENTUCKY	18	1260001	F01	FORT THOMAS	72	61	2		164	163	1.15	.92	69
KENTUCKY	18	1380001	F03	GALLATIN COUNTY	72	43			112	112	-	-	
KENTUCKY	18	3020001	F01	NEWPORT	72	60	25	1	281	256	2.33	1.86	140
KENTUCKY	18	3120001	F01	OWEN COUNTY	72	9			105	67	-	-	
OHIO	36	1220001	A01	CINCINNATI	72	28	1		207	137	1.45	1.16	87
OHIO	36	1220001	H01	CINCINNATI	72	59	2		187	171	1.45	1.16	87
OHIO	36	1220002	H01	CINCINNATI	72	61	1		153	124	1.03	.82	62
OHIO	36	1220003	A10	CINCINNATI	72	200	21		242	207	1.60	1.28	96
OHIO	36	1220011	H01	CINCINNATI	72	59	1		151	145	1.28	1.02	77
OHIO	36	1220013	H01	CINCINNATI	72	60	1		200	134	1.18	.94	71
OHIO	36	1220014	H01	CINCINNATI	72	61	7		191	186	1.65	1.32	99
OHIO	36	1220015	H01	CINCINNATI	72	60	2		193	182	1.38	1.10	83
OHIO	36	1220016	H01	CINCINNATI	72	61	11		204	200	1.76	1.41	106
OHIO	36	1220017	H01	CINCINNATI	72	60	1		161	149	1.11	.89	67
OHIO	36	1220018	H01	CINCINNATI	72	60	3		202	200	1.38	1.10	83
OHIO	36	2050001	H01	FAIRFAX	72	59	3		178	171	1.35	1.08	81
OHIO	36	2060001	H01	FAIRFIELD	72	61	2		159	159	1.41	1.13	85

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
OHIO	36 2165001 H01 FOREST PARK	72	59			119	111	.91	.73	55
OHIO	36 2200002 H01 FRANKLIN	72	61	1		155	150	1.25	1.00	75
OHIO	36 2700002 H01 HAMILTON	72	60			136	132	1.35	1.08	81
OHIO	36 2720001 H01 HAMILTON COUNTY	72	60	1		173	150	1.08	.86	65
OHIO	36 2720002 H01 HAMILTON COUNTY	72	59	3		167	157	1.38	1.10	83
OHIO	36 2720003 H01 HAMILTON COUNTY	72	51	3		172	158	1.45	1.16	97
OHIO	36 2720004 H01 HAMILTON COUNTY	72	61	1		202	149	1.16	.93	70
OHIO	36 2720005 H01 HAMILTON COUNTY	72	52	7	1	283	215	1.69	1.29	96
OHIO	36 2780001 H01 HARRISON	72	61			135	134	1.25	1.00	75
OHIO	36 3400001 H01 LEBANON	72	61	1		168	143	1.06	.85	64
OHIO	36 3540001 H01 LOCKLAND	72	60	15		258	231	1.75	1.40	105
OHIO	36 3780001 H01 MADEIRA	72	59	5		167	165	1.56	1.25	94
OHIO	36 4340001 H01 MIDDLETOWN	72	61	3		179	172	1.56	1.25	94
OHIO	36 4340002 H01 MIDDLETOWN	72	57	20	4	366	333	2.38	1.90	143
OHIO	36 5300001 H01 OXFORD	72	60			120	107	1.08	.86	65
OHIO	36 5880001 H01 ST BERNARD	72	60	26	3	309	297	2.40	1.92	144
OHIO	36 6140001 H01 SHARONVILLE	72	58	1		162	146	1.20	.96	72
OHIO	36 7040001 H01 WARREN COUNTY	72	59			107	105	.81	.65	49
OHIO	36 7700001 H01 WYOMING	72	61			136	119	1.00	.80	60
080 METROPOLITAN INDIANAPOLIS (IND)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
INDIANA	15 2040001 A01 INDIANAPOLIS	72	26	3		216	155		*	
INDIANA	15 2040001 F01 INDIANAPOLIS	72	25	5		208	207		*	
INDIANA	15 2040001 H01 INDIANAPOLIS IND	72	20	4		230	199		*	
INDIANA	15 2040002 F01 INDIANAPOLIS	72	107	4		170	155	*		
INDIANA	15 2040002 H01 INDIANAPOLIS IND	72	81	4		251	163		*	
INDIANA	15 2040003 F01 INDIANAPOLIS	72	26	8	1	268	257		*	
INDIANA	15 2040003 H01 INDIANAPOLIS IND	72	19	6	1	264	222		*	
INDIANA	15 2040006 F01 INDIANAPOLIS	72	99	1		153	140		*	
INDIANA	15 2040006 H01 INDIANAPOLIS IND	72	85	1		157	144	*		
INDIANA	15 2040008 F01 INDIANAPOLIS	72	26			148	127	*	*	
INDIANA	15 2040008 H01 INDIANAPOLIS IND	72	20	1		188	116		*	
INDIANA	15 2040009 F01 INDIANAPOLIS	72	30	1		158	149	*	*	
INDIANA	15 2040009 H01 INDIANAPOLIS IND	72	15			120	106		*	
INDIANA	15 2040011 F01 INDIANAPOLIS	72	26	3		180	177		*	
INDIANA	15 2040011 H01 INDIANAPOLIS IND	72	20	1		170	140	*		
INDIANA	15 2040013 F01 INDIANAPOLIS	72	26			147	140			
INDIANA	15 2040013 H01 INDIANAPOLIS IND	72	20			132	119	*	*	
INDIANA	15 2040014 F01 INDIANAPOLIS	72	26	3		204	163	*	*	
INDIANA	15 2040014 H01 INDIANAPOLIS IND	72	18			120	110	*	*	
INDIANA	15 2040015 F01 INDIANAPOLIS	72	26	4	1	306	232	*	*	
INDIANA	15 2040015 H01 INDIANAPOLIS IND	72	20	2		206	187	*	*	
INDIANA	15 2040021 F01 INDIANAPOLIS	72	43	1		152	141	*	*	
INDIANA	15 2040022 F01 INDIANAPOLIS	72	30			127	102	*	*	
INDIANA	15 2040023 F01 INDIANAPOLIS	72	46			134	120	*	*	
INDIANA	15 2040024 F01 INDIANAPOLIS	72	175			127	117	*	*	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
INDIANA	15 2040025 F01	INDIANAPOLIS	72	196	42	3	382	322			
INDIANA	15 2040026 F01	INDIANAPOLIS	72	42			147	130			
081 NORTHEAST INDIANA				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
INDIANA	15 1390002 A01	FT. WAYNE	72	30			127	122	1.25	1.00	75
INDIANA	15 3980001 F03	STEUBEN COUNTY	72	14			111	74			
082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
INDIANA	15 1240001 F01	ELKHART	72	20	1		223	99			
INDIANA	15 2740001 F01	MICHIGAN CITY	72	40	2		206	160			
INDIANA	15 2740002 F01	MICHIGAN CITY	72	24	1		178	145			
INDIANA	15 2740002 F02	MICHIGAN CITY	72	14	1		179	127			
INDIANA	15 2740003 F01	MICHIGAN CITY	72	17			96	90			
INDIANA	15 2740003 F02	MICHIGAN CITY	72	20			102	76			
INDIANA	15 2760001 F01	MISHAWAKA	72	21			117	80			
INDIANA	15 2760002 F02	MISHAWAKA	72	36			149	137			
INDIANA	15 2760003 F01	MISHAWAKA	72	29	1		158	116			
INDIANA	15 2760004 F01	MISHAWAKA	72	40			127	119			
INDIANA	15 2760005 F01	MISHAWAKA	72	15			141	136			
INDIANA	15 3700004 F03	ST JOSEPH COUNTY	72	30			124	108			
INDIANA	15 3700005 F03	ST JOSEPH COUNTY	72	37			117	107			
INDIANA	15 3880002 A01	SOUTH BEND	72	26	2		199	162			
INDIANA	15 3880003 F01	SOUTH BEND	72	38			115	102			
INDIANA	15 3880004 F01	SOUTH BEND	72	31	1		173	119			
INDIANA	15 3980005 F02	SOUTH BEND	72	36	1		163	105			
INDIANA	15 3880006 F02	SOUTH BEND	72	39	5		247	194			
INDIANA	15 3880007 F02	SOUTH BEND	72	41	2		176	169			
MICHIGAN	23 0460001 F01	BENTON HARBOR	72	60	2		167	153	1.10	.88	66
MICHIGAN	23 0460002 F01	BENTON HARBOR	72	61	2		209	159	.75	.60	45
MICHIGAN	23 1220001 F01	DOWAGIAC	72	53	1		181	143	.93	.74	56
MICHIGAN	23 3880001 F01	NILES	72	58	1	1	346	141	.93	.74	56
MICHIGAN	23 4200001 F01	PAW PAW	72	53			139	123	.65	.52	39
083 SOUTHERN INDIANA				** PRIORITY 1A **					AS OF OCTOBER 06, 1973		
INDIANA	15 0380001 F01	BLOOMINGTON	72	13			137	121			
INDIANA	15 0820002 F02	COLUMBUS	72	17			104	90			
INDIANA	15 2800001 A03	MONROE COUNTY	72	22			51	51	.56	.45	34
084 WABASH VALLEY (IND)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
INDIANA	15 2280001 F01	KOPOMO	72	20			101	98			
INDIANA	15 2320001 F01	LAFAYETTE	72	13			119	115			
INDIANA	15 3260001 A03	PARKE COUNTY	72	28			125	117	.88	.70	53
INDIANA	15 4080001 A01	TERRE HAUTE	72	26	1		153	136	1.30	1.04	78
INDIANA	15 4080004 F01	TERRE HAUTE	72	43	4		202	171			
INDIANA	15 4080004 G01	TERRE HAUTE IND	72	57	3		241	176			
INDIANA	15 4080007 F01	TERRE HOUTE	72	116	8		220	191			
INDIANA	15 4080008 F01	TERRE HAUTE	72	115	4		207	185			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
INDIANA	15 4080009 F01 TERRE HAUTE	72	202	1		241	148		*	
INDIANA	15 4080010 F01 TERRE HAUTE	72	98	3		181	169	*	*	
INDIANA	15 4080011 F01 TERRE HAUTE	72	115	5		221	215		*	
INDIANA	15 4080012 F01 TERRE HAUTE	72	114	3		201	160	*	*	
INDIANA	15 4080013 F01 TERRE HAUTE	72	111	2		177	167	*	*	
INDIANA	15 4260001 F01 VIGO COUNTY	72	65	4		252	227	*	*	
INDIANA	15 4260001 G01 SEELYVILLE IND	72	46			125	119	*	*	
INDIANA	15 4260002 G01 ST MARY-OF-THE-WOODS	72	75	2		172	168	*	*	
INDIANA	15 4260004 F01 VIGO COUNTY	72	18	1		157	99	*	*	
INDIANA	15 4290001 F01 VINCENNES	72	18	1		243	121		*	
085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
IOWA	16 0960016 F01 COUNCIL BLUFFS	72	21	6		217	176	*	*	
NEBRASKA	28 0180002 F01 BELLEVUE	72	29			130	128	1.11	.89	67
NEBRASKA	28 1880001 A01 OMAHA	72	29	6	1	331	234	1.88	1.50	113
NEBRASKA	28 1880011 F01 OMAHA	72	30	13	5	367	327	2.35	1.88	141
NEBRASKA	28 1880015 F01 OMAHA	72	30	2		201	157	1.18	.94	71
NEBRASKA	28 1880017 F01 OMAHA	72	28	8		230	210	2.06	1.65	124
NEBRASKA	28 1880018 F01 OMAHA	72	30	1		170	146	1.23	.98	74
NEBRASKA	28 1880019 F01 OMAHA	72	30			129	127	1.11	.89	67
NEBRASKA	28 1880020 F01 OMAHA	72	30	1		194	144	1.26	1.01	76
NEBRASKA	28 1880021 F01 OMAHA	72	12			117	102	*	*	
NEBRASKA	28 1880022 F01 OMAHA	72	30			133	124	.85	.68	51
NEBRASKA	28 1880023 F01 OMAHA	72	30			118	116	.80	.64	48
NEBRASKA	28 1930001 F01 PAPILLION	72	28	4		181	156	1.26	1.01	76
086 METROPOLITAN SIOUX CITY (IOWA-NEB-S.D.)			** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
IOWA	16 3400001 F01 SIOUX CITY	72	50			129	128	.98	.78	59
NEBRASKA	28 2400001 F01 SOUTH SIOUX CITY	72	32	7		195	190	1.35	1.08	81
087 METROPOLITAN SIOUX FALLS (IOWA-S.D.)			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
SOUTH DAKOTA	43 1480001 A01 SIOUX FALLS	72	26	2		207	164	*	*	
088 NORTHEAST IOWA			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
IOWA	16 0640001 A01 CEDAR RAPIDS	72	30	5		253	203	1.70	1.36	102
IOWA	16 0640013 G01 CEDAR RAPIDS	72	35	1		160	146	*	*	
IOWA	16 0640018 G02 CEDAR RAPIDS	72	38	12	1	311	230	*	*	
IOWA	16 0640019 G02 CEDAR RAPIDS	72	30	11		256	226	*	*	
IOWA	16 2140006 F01 JONES COUNTY	72	40	5		181	179	1.31	1.05	79
IOWA	16 2280014 G01 LINN COUNTY	72	13	1		153	138	*	*	
IOWA	16 2700004 G01 MT VERNON	72	15			140	103	*	*	
IOWA	16 3760003 F01 WATERLOO	72	47	12	3	354	278	*	*	
089 NORTH CENTRAL IOWA			** PRIORITY 1A **				AS OF OCTOBER 06, 1973			
IOWA	16 1520011 F01 FORT DODGE	72	7			102	70	*	*	
IOWA	16 2520011 F01 MASON CITY	72	45	18	8	598	562	2.28	1.82	137
IOWA	16 3860002 F01 WEBSTER CITY	72	8			78	65	*	*	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		A N N U A L RATIOS TO ANN. STDS		GEOM. MEAN UG/CU.M.
				SFC.	PRI.	1ST	2ND	SFC.	PRI.	
090 NORTHWEST IOWA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
IOWA	16 1920003 F01 IDA COUNTY	72	8			76	52			
091 SOUTHEAST IOWA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
IOWA	16 2180004 F01 KEOKUK COUNTY	72	9			40	29			
092 SOUTH CENTRAL IOWA			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
IOWA	16 1180001 A01 DES MOINES	72	28	2		202	159	1.41	1.13	85
IOWA	16 1180025 G01 DES MOINES	72	39	9	2	301	290			
IOWA	16 2500001 F01 MARSHALLTOWN	72	8			76	66			
093 SOUTHWEST IOWA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
IOWA	16 1160002 F01 DENISON	72	6			48	44			
IOWA	16 2000008 F01 IOWA CITY	72	53	4	2	388	323	1.46	1.17	88
094 METROPOLITAN KANSAS CITY (KAN-MO)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
KANSAS	17 1760003 F01 JOHNSON COUNTY	72	54	4		177	160	1.15	.92	69
KANSAS	17 1760004 F01 JOHNSON COUNTY	72	31			138	91			
KANSAS	17 1800001 G01 KANSAS CITY	72	56	2		191	165	1.45	1.16	87
KANSAS	17 1800002 A01 KANSAS CITY	72	24	7		227	224	1.93	1.54	116
KANSAS	17 1800002 G01 KANSAS CITY	72	54	9		225	213	1.66	1.33	100
KANSAS	17 1800004 G01 KANSAS CITY	72	60	10	1	285	260	1.51	1.21	91
KANSAS	17 1800007 G01 KANSAS CITY	72	57	2		189	177	1.18	.94	71
KANSAS	17 1800009 G01 KANSAS CITY KANSAS	72	58	11		200	188	1.60	1.28	96
KANSAS	17 1980001 F01 LEAVENWORTH	72	58	3		226	156	1.00	.80	60
KANSAS	17 2000001 F01 LEAVENWORTH COUNTY	72	57	7		257	217	1.36	1.09	82
KANSAS	17 2030001 F01 LENEXA	72	30			134	123			
KANSAS	17 2660001 F01 OLATHE	72	42	5		202	172			
KANSAS	17 2780001 F01 OVERLAND PARK	72	60	1		161	127	.85	.68	51
MISSOURI	26 1020001 F01 CLAY COUNTY	72	40	5		213	208	1.56	1.25	94
MISSOURI	26 1540001 F01 EXCELSIOR SPRINGS	72	52	8	1	264	193	1.73	1.38	104
MISSOURI	26 1840001 F01 GRANDVIEW	72	38	1		192	141	1.18	.94	71
MISSOURI	26 2180001 H01 INDEPENDENCE	72	45	20	3	300	290	1.98	1.58	119
MISSOURI	26 2180004 H01 INDEPENDENCE	72	55	3	1	373	183	1.18	.94	71
MISSOURI	26 2380003 H01 KANSAS CITY	72	51			125	121	.96	.77	58
MISSOURI	26 2380004 H01 KANSAS CITY	72	49	5		186	178	1.43	1.14	86
MISSOURI	26 2380005 H01 KANSAS CITY	72	41	4		176	168	1.43	1.14	86
MISSOURI	26 2380006 H01 KANSAS CITY	72	53	2		179	154	1.25	1.00	75
MISSOURI	26 2380010 H01 KANSAS CITY	72	53			135	132	1.20	.96	72
MISSOURI	26 2380012 H01 KANSAS CITY	72	39	1		154	135	1.21	.97	73
MISSOURI	26 2380018 H01 KANSAS CITY	72	45	3	1	374	184	1.31	1.05	79
MISSOURI	26 2680001 F01 LIBERTY	72	43	1		170	136			
MISSOURI	26 3380001 F01 NORTH KANSAS CITY	72	10	5		257	212			
MISSOURI	26 3740001 F01 PLATTE COUNTY	72	27			142	104			
MISSOURI	26 3960001 H01 KANSAS CITY MO	72	5			63	59			
MISSOURI	26 4000001 F01 RICHMOND	72	53	1		173	113	.86	.69	52
MISSOURI	26 4260002 F01 ST. JOSEPH	72	37	2		175	151	1.23	.98	74
MISSOURI	26 4260003 F01 ST. JOSEPH	72	45			131	131	1.06	.85	64

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
095 NORTHEAST KANSAS			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
KANSAS	17 0120001 F01 ATCHISON	72	45	9	1	361	241	1.58	1.26	95
KANSAS	17 1960001 F01 LAWRENCE	72	56	1		156	146	1.05	.84	63
KANSAS	17 2230001 F01 MARYSVILLE	72	16	2		200	179			
KANSAS	17 3380001 F01 SHAWNEE COUNTY	72	14			46	42			
KANSAS	17 3560001 A01 TOPEKA	72	33			139	126	1.10	.88	66
KANSAS	17 3560002 F01 TOPEKA	72	52			149	126	.96	.77	58
KANSAS	17 3560004 F01 TOPEKA	72	55	8		211	154	1.36	1.09	82
KANSAS	17 3560005 F01 TOPEKA	72	14			66	65			
KANSAS	17 3560006 F01 TOPEKA	72	14			85	58			
096 NORTH CENTRAL KANSAS			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
KANSAS	17 0020001 F01 ABILENE	72	24	1		191	106			
KANSAS	17 0690001 F01 CONCORDIA	72	20	2		169	168			
KANSAS	17 1780001 F01 JUNCTION CITY	72	57	13	3	692	312	1.51	1.21	91
KANSAS	17 2180001 F01 MCPHERSON	72	47	4		214	197	1.03	.82	62
KANSAS	17 2220001 F01 MANHATTAN	72	28	6	2	443	278			
KANSAS	17 3240001 F01 SALINA	72	60			117	109	.83	.66	50
097 NORTHWEST KANSAS			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
KANSAS	17 1240001 F01 GOODLAND	72	57	14	1	349	253	1.73	1.39	104
KANSAS	17 1290001 F01 GRAHAM COUNTY	72	8			69	39			
KANSAS	17 1340001 F01 GREAT BEND	72	58			134	133	.88	.71	53
KANSAS	17 1480001 F01 HAYS	72	51	2		203	157	1.00	.80	60
KANSAS	17 2900001 F01 PHILLIPSBURG	72	41	2		227	158	1.31	1.05	79
098 SOUTHEAST KANSAS			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
KANSAS	17 0380001 F01 CHANUTE	72	52			153	149	1.00	.80	60
KANSAS	17 0600001 F01 COFFEYVILLE	72	44	1		154	148	1.18	.94	71
KANSAS	17 1000001 F01 EMPORIA	72	16			103	62			
KANSAS	17 1160001 F01 GALENA	72	14			131	131			
KANSAS	17 2100001 F01 LINN COUNTY	72	26	1		231	148			
KANSAS	17 2920001 F01 PITTSBURG	72	54			108	107	.81	.65	49
099 SOUTH CENTRAL KANSAS			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
KANSAS	17 0100001 F01 ARKANSAS CITY	72	48	2		192	159	1.11	.89	67
KANSAS	17 0900001 F01 EL DORADO	72	46	1		206	139	.80	.64	48
KANSAS	17 1640001 F01 HUTCHINSON	72	58	15	2	314	262	1.60	1.28	96
KANSAS	17 2600001 F01 NEWTON	72	58	2		205	200	.98	.78	59
KANSAS	17 3320002 F01 SEDGWICK COUNTY	72	10			102	85			
KANSAS	17 3320003 F01 SEDGWICK COUNTY	72	13			84	81			
KANSAS	17 3320004 F01 SEDGWICK COUNTY	72	9			133	132			
KANSAS	17 3720001 F01 WELLINGTON	72	20			100	93			
KANSAS	17 3740001 A01 WICHITA	72	25	2		190	151			
KANSAS	17 3740004 F01 WICHITA	72	32	10	3	532	343			
KANSAS	17 3740005 F01 WICHITA	72	40	20	12	421	413	2.36	1.89	142
KANSAS	17 3740006 F01 WICHITA	72	18	1		156	99			
KANSAS	17 3740007 F01 WICHITA	72	15	2		180	173			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
KANSAS	17 3740008 F01	WICHITA	72	15			139	91			
KANSAS	17 3740009 F01	WICHITA	72	15	1		157	87			
100 SOUTHWEST KANSAS				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
KANSAS	17 0800001 F01	DODGE CITY	72	58	3		260	240	.80	.64	48
KANSAS	17 1190001 F01	GARDEN CITY	72	55	4	1	275	219	1.51	1.21	91
KANSAS	17 3600001 F01	ULYSSES	72	13			115	89			
101 APPALACHIAN (KY)				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
KENTUCKY	18 0780001 F01	CORBIN	72	24	5		206	197			
KENTUCKY	18 2360001 F01	LONDON KY	72	41			129	80	.75	.60	45
KENTUCKY	18 3320001 F01	PIKEVILLE	72	50	1		209	147	1.03	.82	52
KENTUCKY	18 3400001 F01	PRESTONSBURG	72	54	3		180	166	1.03	.52	62
102 BLUEGRASS (KY)				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
KENTUCKY	18 1280002 F01	FRANKFORT	72	45			130	115	.71	.57	43
KENTUCKY	18 1320001 F03	FRANKLIN COUNTY	72	54	1		235	115	.58	.46	35
KENTUCKY	18 2300001 A01	LEXINGTON	72	26	2		236	156	1.20	.96	72
KENTUCKY	18 2300003 F01	LEXINGTON	72	58			140	108	.90	.72	54
103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.VA)				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
KENTUCKY	18 0080002 A01	ASHLAND	72	29	11		231	209	2.28	1.92	137
KENTUCKY	18 0080003 F01	ASHLAND	72	58	9	2	350	345	1.73	1.38	104
KENTUCKY	18 0080005 F01	ASHLAND	72	59	13	1	340	254	1.65	1.32	99
KENTUCKY	18 0080006 F01	ASHLAND	72	29	1		221	136			
KENTUCKY	18 0080007 F01	ASHLAND	72	63			135	118	.89	.70	53
KENTUCKY	18 0080008 F01	ASHLAND	72	44	5	1	300	198			
KENTUCKY	18 0660001 F01	CATLETTSBURG	72	58	3		196	184	1.30	1.04	78
KENTUCKY	18 1540001 F01	GREENUP COUNTY	72	56	1		201	149	.88	.70	53
KENTUCKY	18 2680003 F02	MAYSVILLE	72	41			99	94			
KENTUCKY	18 2680004 F01	MAYSVILLE	72	59			129	126	.86	.69	52
KENTUCKY	18 2880001 F01	MOREHEAD	72	34			83	83			
OHIO	36 3090002 A01	IRONTON	72	24	6		228	185	1.80	1.44	108
OHIO	36 5620002 A01	PORTSMOUTH	72	27			147	129	1.10	.89	66
WEST VIRGINIA	50 0700001 A01	HUNTINGTON	72	23	2		163	155	1.60	1.28	96
WEST VIRGINIA	50 0700003 F01	HUNTINGTON	72	40	1		153	149	1.33	1.06	80
WEST VIRGINIA	50 0700004 F03	HUNTINGTON	72	45	1		171	131	.90	.72	54
104 NORTH CENTRAL KENTUCKY				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
KENTUCKY	18 1040002 F01	ELIZABETHTOWN	72	52			137	99	.70	.56	42
105 SOUTH CENTRAL KENTUCKY				** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
KENTUCKY	18 0320001 A01	BOWLING GREEN	72	23	1		219	143	1.16	.93	70
KENTUCKY	18 0320003 F01	BOWLING GREEN	72	42	1		226	140	.95	.76	57
KENTUCKY	18 0320004 F01	BOWLING GREEN	72	43			103	103	1.01	.81	61
106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TEXA				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
LOUISIANA	19 0280001 A01	BATON ROUGE	72	28			145	130	1.01	.81	61
LOUISIANA	19 1600001 F01	LAKE CHARLES	72	50	1		159	149	1.20	.96	72
LOUISIANA	19 1600002 F01	LAKE CHARLES	72	17	1		158	124			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIOS TO ANN. STDS SEC.	ANNUAL RATIOS TO ANN. STDS PRI.	ANNUAL GEOM. MEAN UG/CU.M.
LOUISIANA	19 2020002 A01 NEW ORLEANS	72	30			119	107	1.21	.97	73
LOUISIANA	19 2020002 F01 NEW ORLEANS	72	54	1		239	139	1.33	1.06	89
TEXAS	45 0330001 A01 BEAUMONT	72	27			140	108			
TEXAS	45 0330001 F01 BEAUMONT	72	57			140	139	1.00	.80	60
TEXAS	45 3950002 F01 ORANGE	72	50	3		190	158	1.26	1.01	76
107 ANDROSCOGGIN VALLEY (ME-N.H.)			** PRIORITY 1A **				AS OF OCTOBER 06, 1973			
NEW HAMPSHIRE	30 0040001 F01 BERLIN	72	32	3		237	179			
NEW HAMPSHIRE	30 0040002 F01 BERLIN	72	17			139	101			
NEW HAMPSHIRE	30 0040003 F01 BERLIN	72	20	1		172	102			
NEW HAMPSHIRE	30 0040007 F01 BERLIN	72	8			147	119			
NEW HAMPSHIRE	30 0140001 A03 COOS COUNTY	72	27			67	55	.33	.26	20
NEW HAMPSHIRE	30 0160001 F01 DOVER	72	42			102	94	.68	.54	41
NEW HAMPSHIRE	30 0512001 F01 NORTHUMBERLAND	72	45			89	70	.50	.40	30
NEW HAMPSHIRE	30 0512002 F01 NORTHUMBERLAND	72	47			81	74	.46	.37	29
109 DOWN EAST (ME)			** PRIORITY 1A **				AS OF OCTOBER 06, 1973			
MAINE	20 0010001 A03 ACADIA NATIONAL PARK	72	28			68	65	.41	.33	25
110 METROPOLITAN PORTLAND (ME)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
MAINE	20 0960002 A01 PORTLAND	72	22	1		156	138			
MAINE	20 0960005 F01 PORTLAND	72	30			66	63			
MAINE	20 0960006 F01 PORTLAND	72	26			87	86			
MAINE	20 1140001 F01 SOUTH PORTLAND	72	16			73	69			
MAINE	20 1140002 F01 SOUTH PORTLAND	72	13			80	55			
112 CENTRAL MARYLAND			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
MARYLAND	21 0260001 G05 BRUNSWICK	72	41			125	123			
MARYLAND	21 0260002 G05 BRUNSWICK	72	7			65	47			
MARYLAND	21 0260003 G05 BRUNSWICK	72	10			82	73			
MARYLAND	21 0720001 F01 FREDERICK	72	55			144	122	1.05	.84	63
MARYLAND	21 0720003 G01 FREDERICK	72	44			97	95	.80	.64	49
MARYLAND	21 0720004 G01 FREDERICK	72	52			120	102	.83	.66	50
MARYLAND	21 0740021 F01 FREDERICK COUNTY	72	42			76	66			
MARYLAND	21 0740022 G01 FREDERICK COUNTY	72	42			93	80			
MARYLAND	21 0740023 G01 FREDERICK COUNTY	72	17			82	81			
113 CUMBERLAND-KEYSER (MD-W. VA.)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
MARYLAND	21 0040001 G01 ALLEGANY COUNTY	72	39	8	1	304	242			
MARYLAND	21 0560001 G01 CUMBERLAND	72	60	3	1	283	189	1.40	1.12	84
MARYLAND	21 0760001 F01 FROSTBURG	72	9			91	63			
MARYLAND	21 0800001 F01 GARRETT COUNTY	72	35	3		247	189			
MARYLAND	21 0800003 F03 GARRETT COUNTY	72	16			63	54			
MARYLAND	21 0860002 F01 HAGERSTOWN	72	43			142	136			
MARYLAND	21 1700003 F01 WESTERNPORT	72	45	4		259	247			
114 EASTERN SHORE (MD)			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
MARYLAND	21 0300001 F01 CAMBRIDGE	72	53			95	94	.93	.74	56
MARYLAND	21 0420001 F05 CECIL COUNTY	72	49			113	106	.70	.56	42
MARYLAND	21 0660001 F01 ELKTON	72	59			114	112	.88	.70	53

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
MARYLAND	21 1420002 F01	SALISBURY	72	56			113	97	.86	.69	52
MARYLAND	21 1420004 G01	SALISBURY	72	17			73	71			
MARYLAND	21 1420005 G01	SALISBURY	72	45	1		161	147	.86	.69	52
MARYLAND	21 1740001 F03	WICOMOCO COUNTY	72	15			46	40			
115 METROPOLITAN BALTIMORE (MD)				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
MARYLAND	21 0060002 G01	ANNAPOLIS	72	61			132	123	.90	.72	54
MARYLAND	21 0080001 G01	ANNE ARUNDEL COUNTY	72	121	2		165	161	1.08	.86	65
MARYLAND	21 0080002 G01	ANNE ARUNDEL COUNTY	72	67			149	123	.78	.62	47
MARYLAND	21 0080003 G01	ANNE ARUNDEL COUNTY	72	114			147	146	1.20	.96	72
MARYLAND	21 0080006 G01	ANNE ARUNDEL COUNTY	72	67	1		165	136	.85	.69	51
MARYLAND	21 0080008 G01	ANNE ARUNDEL COUNTY	72	42			76	54	.51	.41	31
MARYLAND	21 0120001 A01	BALTIMORE	72	27	2		166	158	1.50	1.20	90
MARYLAND	21 0120001 H01	BALTIMORE	72	228	39	5	411	302	1.55	1.24	93
MARYLAND	21 0120003 F01	BALTIMORE, MD	72	54			133	131	1.20	.96	72
MARYLAND	21 0120005 H01	BALTIMORE	72	265	132	28	749	494	2.45	1.96	147
MARYLAND	21 0120006 H01	BALTIMORE	72	133			135	134	.85	.69	51
MARYLAND	21 0120007 H01	BALTIMORE	72	131	4		204	198	1.21	.97	73
MARYLAND	21 0120008 H01	BALTIMORE	72	135	20		245	238	1.45	1.16	87
MARYLAND	21 0120009 H01	BALTIMORE	72	231	23	2	288	273	1.43	1.14	86
MARYLAND	21 0120014 K01	BALTIMORE	72	47	4		166	160	1.40	1.12	84
MARYLAND	21 0120015 F01	BALTIMORE	72	47	1		152	116	.96	.77	58
MARYLAND	21 0120016 F01	BALTIMORE	72	49			112	109	1.00	.80	60
MARYLAND	21 0120021 G01	BALTIMORE	72	54			135	118	1.00	.80	60
MARYLAND	21 0140003 G01	BALTIMORE COUNTY	72	193	4		188	159	1.10	.88	65
MARYLAND	21 0140004 G01	BALTIMORE COUNTY	72	55			146	104	1.00	.80	60
MARYLAND	21 0190001 F01	BEL AIR	72	56			116	109	.96	.77	59
MARYLAND	21 0500001 G01	COCKEYSVILLE	72	47	1		156	128	.85	.69	51
MARYLAND	21 0620001 F01	DUNDALK	72	56	1		239	144	1.16	.93	70
MARYLAND	21 0680001 G01	ESSEX	72	194	6		213	209	1.21	.97	73
MARYLAND	21 0920002 F01	HARFORD COUNTY	72	57			113	86	.68	.54	41
MARYLAND	21 0960001 F01	HOWARD COUNTY	72	9			86	84	-	-	
MARYLAND	21 0960003 F01	HOWARD COUNTY	72	56			139	89	.76	.61	46
MARYLAND	21 1040001 F01	LANSDOWNE	72	53	1		151	122	1.11	.89	67
MARYLAND	21 1360002 G01	RIVIERA BEACH	72	94	2	1	261	168	1.01	.81	61
MARYLAND	21 1640001 G01	TOWSON	72	211	4		225	198	.98	.78	59
MARYLAND	21 1720002 F01	WESTMINSTER	72	45			112	96	.80	.64	49
116 SOUTHERN MARYLAND				** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
MARYLAND	21 0280001 A03	CALVERT COUNTY	72	19			67	62	-		
MARYLAND	21 0280002 F01	CALVERT COUNTY	72	60	1		180	74	.63	.50	38
MARYLAND	21 0440001 F01	CHARLES COUNTY	72	44			63	62	.	+	
117 BERKSHIRE (MASS)				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
MASSACHUSETTS	22 0020001 F01	ADAMS	72	121	2		216	150	.90	.72	54
MASSACHUSETTS	22 1020001 F01	LEE	72	124			101	101	.66	.53	40
MASSACHUSETTS	22 1580001 F01	NORTH ADAMS	72	123			130	125	.75	.60	45
MASSACHUSETTS	22 1800001 F01	PITTSFIELD	72	112			131	125	.85	.69	51
MASSACHUSETTS	22 1800002 F01	PITTSFIELD	72	122			111	107	.70	.56	42
MASSACHUSETTS	22 1800003 F01	PITTSFIELD	72	123			133	126	.78	.62	47

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIOS TO ANN. STDS SEC.	ANNUAL RATIOS TO ANN. STDS PRI.	ANNUAL GEOM. MEAN UG/CU.M.
118 CENTRAL MASSACHUSETTS		** PRIORITY I **				AS OF OCTOBER 06, 1973			
MASSACHUSETTS 22 2640004 F01 WORCESTER	72	158	20	3	346	296	1.20	.96	72
MASSACHUSETTS 22 2640008 F01 WORCESTER	72	172	3	1	274	190	.95	.75	57
119 METROPOLITAN BOSTON (MASS)		** PRIORITY I **				AS OF OCTOBER 06, 1973			
MASSACHUSETTS 22 0240001 A01 BOSTON	72	20	1		226	130			
MASSACHUSETTS 22 0240001 F01 BOSTON	72	31	1		217	132			
MASSACHUSETTS 22 0240002 F01 BOSTON	72	233	59	5	352	325	1.80	1.44	108
MASSACHUSETTS 22 0240012 F01 BOSTON	72	44	2		199	151	1.35	1.08	81
MASSACHUSETTS 22 0240013 F01 BOSTON	72	38	1		159	142	1.03	.82	62
MASSACHUSETTS 22 0240014 F01 BOSTON	72	60	11		250	242			
MASSACHUSETTS 22 0340001 F01 BROOKLINE	72	43			88	87	.78	.62	47
MASSACHUSETTS 22 0360001 A01 CAMBRIDGE	72	14			89	97			
MASSACHUSETTS 22 0360001 F01 CAMBRIDGE	72	46			138	107	.74	.58	44
MASSACHUSETTS 22 0360004 F01 CAMBRIDGE	72	76	4	1	292	173			
MASSACHUSETTS 22 0660001 F01 FRAMINGHAM	72	66			129	125	.90	.64	48
MASSACHUSETTS 22 1100001 F01 LYNN	72	40			93	86	.90	.64	49
MASSACHUSETTS 22 1160001 F01 MARBLEHEAD	72	46			97	80	.65	.52	36
MASSACHUSETTS 22 1200001 F01 MAYNARD	72	53			71	67	.38	.33	23
MASSACHUSETTS 22 1220002 F01 MEDFORD	72	47			148	134	1.00	.80	60
MASSACHUSETTS 22 1220003 F01 MEDFORD	72	157	15		202	198	1.49	1.14	89
MASSACHUSETTS 22 1480002 F01 NEEDHAM	72	54			89	77	.61	.49	37
MASSACHUSETTS 22 1700001 F01 NORWOOD	72	53			110	103	.71	.57	43
MASSACHUSETTS 22 1880001 F01 QUINCY	72	53	1		150	131	.86	.69	52
MASSACHUSETTS 22 1940002 F01 REVERE	72	47	1		157	137	.93	.74	56
MASSACHUSETTS 22 2340003 F01 WALTHAM	72	48			141	112	.70	.56	42
MASSACHUSETTS 22 2620002 F01 WOBURN	72	51			106	93	.68	.54	41
MASSACHUSETTS 22 2640001 A01 WORCESTER	72	28	5	1	286	254	1.46	1.17	88
120 METROPOLITAN PROVIDENCE (MASS-R.I.)		** PRIORITY I **				AS OF OCTOBER 06, 1973			
MASSACHUSETTS 22 0120002 F01 ATTLEBORO	72	40	1		184	95	-	-	
MASSACHUSETTS 22 0580003 F01 FALL RIVER	72	44			109	87	.69	.54	41
MASSACHUSETTS 22 0600001 F01 FALMOUTH	72	33			143	99			
MASSACHUSETTS 22 1500001 A01 NEW BEDFORD	72	6			72	70			
MASSACHUSETTS 22 1500002 F01 NEW BEDFORD	72	41			96	61	.56	.45	34
MASSACHUSETTS 22 1820001 F01 PLYMOUTH	72	31			99	79	-		
RHODE ISLAND 41 0040001 F01 BRISTOL	72	61			101	93	.60	.48	36
RHODE ISLAND 41 0065001 F01 BURRILLVILLE	72	54			142	72	.53	.42	32
RHODE ISLAND 41 0090001 F01 CHARLESTOWN	72	60			88	85	.36	.29	22
RHODE ISLAND 41 0100001 F01 CRANSTON	72	347	1		236	136	.73	.59	44
RHODE ISLAND 41 0120001 A01 EAST PROVIDENCE	72	30	1		157	110	.93	.74	56
RHODE ISLAND 41 0120003 F01 EAST PROVIDENCE	72	24			83	68			
RHODE ISLAND 41 0140001 F01 KENT COUNTY	72	60			120	58	.33	.26	20
RHODE ISLAND 41 0165001 F01 MIDDLETOWN	72	53			74	72	.53	.42	32
RHODE ISLAND 41 0180001 F01 NEWPORT	72	54			76	66	.56	.45	34
RHODE ISLAND 41 0230002 F01 NORTH KINGSTOWN	72	57			118	71	.53	.42	32
RHODE ISLAND 41 0280002 F01 PAWTUCKET	72	355	2		195	190	.78	.62	47
RHODE ISLAND 41 0300001 A01 PROVIDENCE	72	29			129	121	1.15	.92	69

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
RHODE ISLAND	41 0300005 F01 PROVIDENCE	72	339	8	1	322	198	.95	.76	57
RHODE ISLAND	41 0300006 F01 PROVIDENCE	72	61	2		159	152	1.13	.90	68
RHODE ISLAND	41 0300007 F01 PROVIDENCE	72	51	9	1	357	221	1.28	1.02	77
RHODE ISLAND	41 0335002 F01 SMITHFIELD	72	58			63	56	.41	.33	25
RHODE ISLAND	41 0350001 F01 TIVERTON	72	60			114	98	.60	.48	36
RHODE ISLAND	41 0360002 F01 WARWICK	72	60	1		156	130	.76	.61	46
RHODE ISLAND	41 0330002 A03 WASHINGTON COUNTY	72	29			103	64	.50	.40	30
RHODE ISLAND	41 0380005 F01 WASHINGTON COUNTY	72	20			53	50		-	
RHODE ISLAND	41 0400002 F01 WESTERLY	72	61			142	138	.71	.57	43
RHODE ISLAND	41 0400003 F01 WESTERLY	72	61			76	51	.40	.32	24
RHODE ISLAND	41 0460001 F01 WOONSOCKET	72	60	1		150	123	.78	.62	47
121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
MASSACHUSETTS	22 0140001 F01 AYER	72	12	1		167	103			
MASSACHUSETTS	22 0226001 F01 BILLERICA	72	22			112	54			
MASSACHUSETTS	22 0840001 F01 HAVERHILL	72	68			109	97	.68	.54	41
MASSACHUSETTS	22 1000002 F01 LAWRENCE	72	59	2		164	155	1.08	.86	65
MASSACHUSETTS	22 1080001 F01 LOWELL	72	64	1	1	345	135	.83	.66	50
MASSACHUSETTS	22 1080002 F01 LOWELL	72	24			92	85			
MASSACHUSETTS	22 1520001 F01 NEWBURYPORT	72	73			74	65	.51	.41	31
NEW HAMPSHIRE	30 0020001 A03 BELKNAP COUNTY	72	111	1		233	115	.45	.36	27
NEW HAMPSHIRE	30 0030001 F01 BELMONT	72	74	2	1	327	171	.76	.61	46
NEW HAMPSHIRE	30 0120001 A01 CONCORD	72	29			93	84	.63	.50	38
NEW HAMPSHIRE	30 0120002 F01 CONCORD	72	28			121	96	.68	.54	41
NEW HAMPSHIRE	30 0340001 F01 KEENE	72	87			139	119	.78	.62	47
NEW HAMPSHIRE	30 0340002 F01 KEENE	72	9			35	31		-	
NEW HAMPSHIRE	30 0420004 F01 MANCHESTER	72	42	2	1	284	229	.98	.78	59
NEW HAMPSHIRE	30 0440005 F01 MERRIMACK COUNTY	72	18			80	37			
NEW HAMPSHIRE	30 0480006 F01 NASHUA	72	49			72	66			
NEW HAMPSHIRE	30 0480007 F01 NASHUA	72	77	3	1	298	185	.88	.70	53
NEW HAMPSHIRE	30 0504001 F01 NEWPORT	72	36			104	103	.76	.61	46
NEW HAMPSHIRE	30 0520001 F01 PEMBROKE	72	47			147	94	.63	.50	38
NEW HAMPSHIRE	30 0540005 F01 PORTSMOUTH	72	46			111	94	.70	.56	42
NEW HAMPSHIRE	30 0560002 F01 ROCHESTER	72	47			143	116	.78	.62	47
NEW HAMPSHIRE	30 0675001 F01 TILTON	72	15			96	69			
122 CENTRAL MICHIGAN			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
MICHIGAN	23 0420001 F01 BAY CITY	72	57	5		218	188	1.11	.89	67
MICHIGAN	23 1280001 F01 EAST GRAND RAPIDS	72	28			78	68		-	
MICHIGAN	23 1440002 F01 ESSEXVILLE	72	55			125	115	.78	.62	47
MICHIGAN	23 1440003 F01 ESSEXVILLE	72	55	6	4	650	641	1.15	.92	69
MICHIGAN	23 1580001 A01 FLINT	72	30	1		170	124	1.16	.93	70
MICHIGAN	23 1580002 F01 FLINT	72	52			133	131	.95	.76	57
MICHIGAN	23 1580003 F01 FLINT	72	55	1		185	140	1.05	.84	63
MICHIGAN	23 1580004 F01 FLINT	72	54			149	148	.98	.78	59
MICHIGAN	23 1580005 F01 FLINT	72	54			131	118	.93	.74	56
MICHIGAN	23 1580006 F01 FLINT	72	58	23	5	403	341	2.16	1.73	130
MICHIGAN	23 1580007 F01 FLINT	72	53			130	123	.91	.73	55
MICHIGAN	23 1580008 F01 FLINT	72	58			125	119	1.06	.85	64

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
MICHIGAN	23 1590009 F01 FLINT	72	46	1		179	112		*	
MICHIGAN	23 1580010 F01 FLINT	72	54	1		164	146	1.00	.80	60
MICHIGAN	23 1590011 F01 FLINT	72	40			116	115			
MICHIGAN	23 1600001 F01 FLUSHING	72	44	1		155	140	.80	.64	48
MICHIGAN	23 1820001 A01 GRAND RAPIDS	72	30	1		163	135	1.25	1.00	75
MICHIGAN	23 1820002 F01 GRAND RAPIDS	72	61	1		180	146	1.15	.92	69
MICHIGAN	23 1820006 F01 GRAND RAPIDS	72	60	2		200	177	1.13	.90	68
MICHIGAN	23 1820007 F01 GRAND RAPIDS	72	59	2		170	162	1.18	.94	71
MICHIGAN	23 1820010 F01 GRAND RAPIDS	72	61			143	137	.80	.64	48
MICHIGAN	23 1820011 F01 GRAND RAPIDS	72	61	5	1	441	245	1.30	1.04	78
MICHIGAN	23 1820015 F01 GRAND RAPIDS	72	58			119	112	.70	.56	42
MICHIGAN	23 1820018 F01 GRAND RAPIDS	72	61			117	104	.61	.49	37
MICHIGAN	23 3740001 F01 MUSKEGON	72	61	1		160	150	.98	.78	59
MICHIGAN	23 3740011 F01 MUSKEGON	72	60	3		250	222	.96	.69	52
MICHIGAN	23 3740017 F01 MUSKEGON	72	14			98	66	*		
MICHIGAN	23 3740019 F01 MUSKEGON	72	61	2		179	152	.76	.61	46
MICHIGAN	23 3780003 F01 MUSKEGON HEIGHTS	72	54	10		222	210	1.20	.96	72
MICHIGAN	23 4760001 A01 SAGINAW	72	27			143	120	*	*	
MICHIGAN	23 4760003 F01 SAGINAW	72	14			67	50	*		
MICHIGAN	23 4760004 F01 SAGINAW	72	12			69	61			
MICHIGAN	23 4760007 F01 SAGINAW	72	12	2		192	153	*		
MICHIGAN	23 4970001 F01 SPRING LAKE	72	60			129	116	.70	.56	42
MICHIGAN	23 5440001 F01 WYOMING	72	50			127	113			
123 METROPOLITAN DETROIT-PORT HURON (MICH)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
MICHIGAN	23 0160001 G01 ALLEN PARK	72	55	10	1	299	190	1.58	1.26	95
MICHIGAN	23 1140001 A01 DEARBORN	72	27	2		245	212	1.46	1.17	88
MICHIGAN	23 1140002 G01 DEARBORN	72	58	40	13	1,085	513	3.15	2.52	189
MICHIGAN	23 1140003 G01 DEARBORN	72	52	2		157	155	1.11	.89	67
MICHIGAN	23 1180001 A01 DETROIT	72	30	7		236	205	1.85	1.48	111
MICHIGAN	23 1180014 G01 DETROIT	72	57	2		213	181	1.01	.81	61
MICHIGAN	23 1180015 G01 DETROIT	72	56	27	3	554	460	2.55	2.04	153
MICHIGAN	23 1180016 G01 DETROIT	72	59	14	3	438	436	1.86	1.49	112
MICHIGAN	23 1180017 G01 DETROIT	72	60	5		185	167	1.55	1.24	93
MICHIGAN	23 1180018 G01 DETROIT	72	59	10		198	195	1.75	1.40	105
MICHIGAN	23 1180019 G01 DETROIT	72	61	5		196	194	1.51	1.21	91
MICHIGAN	23 1260001 F01 EAST DETROIT	72	60	2		169	165	1.43	1.14	86
MICHIGAN	23 1620001 F01 FRASER	72	56	1		175	150	1.26	1.01	76
MICHIGAN	23 1910004 G01 GROSSE ISLE	72	61	6		184	190	1.58	1.26	95
MICHIGAN	23 3040002 G01 LIVONIA	72	59	2		218	176	1.11	.89	67
MICHIGAN	23 3140001 F01 MACOMB COUNTY	72	60			111	102	.66	.53	40
MICHIGAN	23 3140002 F01 MACOMB COUNTY	72	59	1		159	136	1.11	.89	67
MICHIGAN	23 3140003 F01 MACOMB COUNTY	72	59			147	147	.91	.73	55
MICHIGAN	23 3240001 F01 MARINE CITY	72	59			150	142	1.00	.80	60
MICHIGAN	23 3660001 F01 MT CLEMENS	72	58	2	1	427	175	.95	.76	57
MICHIGAN	23 3840001 F01 NEW BALTIMORE	72	59			126	123	.86	.69	52
MICHIGAN	23 4320001 F01 PONTIAC	72	59			144	128	1.08	.86	65
MICHIGAN	23 4320002 F01 PONTIAC	72	59	1		159	119	.91	.73	55
MICHIGAN	23 4320003 F01 PONTIAC	72	57	1		167	138	.98	.78	59

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
MICHIGAN	23 4340001 F01	PORT HURON	72	59	4		235	187	1.53	1.22	92
MICHIGAN	23 4340002 F01	PORT HURON	72	55	2		167	161	1.40	1.12	84
MICHIGAN	23 4340003 F01	PORT HURON	72	58	3		248	155	1.33	1.06	80
MICHIGAN	23 4340004 F01	PORT HURON	72	50			117	95	.78	.62	47
MICHIGAN	23 4420005 G01	RIVER ROUGE	72	58	19	2	420	293	2.08	1.66	125
MICHIGAN	23 4580001 F01	ROYAL OAK	72	58	3	1	427	191	1.28	1.02	77
MICHIGAN	23 4600002 F01	ST CLAIR	72	57			129	127	.96	.77	58
MICHIGAN	23 4640001 F01	ST CLAIR SHORES	72	60			141	134	1.20	.96	72
MICHIGAN	23 4880001 F01	SOUTHFIELD	72	58			141	133	.90	.72	54
MICHIGAN	23 5010001 F01	STERLING HEIGHTS	72	57	3		195	154	1.20	.96	72
MICHIGAN	23 5010002 F01	STERLING HEIGHTS	72	57	7		189	187	1.26	1.01	76
MICHIGAN	23 5120001 A01	TRENTON	72	29			136	129	1.25	1.00	75
MICHIGAN	23 5120003 G01	TRENTON	72	55	2		153	151	1.25	1.00	75
MICHIGAN	23 5260001 F01	WARREN	72	53			149	149	1.38	1.10	83
MICHIGAN	23 5260002 F01	WARREN	72	50	2		194	156	1.35	1.08	81
MICHIGAN	23 5320009 G01	WAYNE COUNTY	72	58	4		174	158	1.15	.92	69
MICHIGAN	23 5325001 G01	WESTLAND	72	57	1		158	147	.98	.78	59
MICHIGAN	23 5420001 G01	WYANDOTTE	72	61	8		250	248	1.56	1.25	94
124 METROPOLITAN TOLEDO (MICH-OHIO)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
MICHIGAN	23 3580003 F01	MONROE	72	60			144	143	1.08	.86	65
MICHIGAN	23 3580004 F01	MONROE	72	57	5	1	288	231	1.21	.97	73
MICHIGAN	23 3580020 F01	MONROE	72	54			134	122	1.16	.93	70
MICHIGAN	23 3600008 F01	MONROE COUNTY	72	22			137	135	*	*	
OHIO	36 5200002 H01	OREGON	72	61			136	134	1.00	.80	60
OHIO	36 5860001 H01	ROSSFORD	72	61	2		171	151	1.08	.86	65
OHIO	36 6600001 A01	TOLEDO	72	28	3	1	277	170	1.50	1.20	90
OHIO	36 6600003 H01	TOLEDO	72	54	9		205	192	1.53	1.22	92
OHIO	36 6600011 H01	TOLEDO	72	55	4	2	369	302	1.30	1.04	78
OHIO	36 6600012 H01	TOLEDO	72	60	24	3	312	307	2.06	1.65	124
OHIO	36 6600013 H01	TOLEDO	72	53	2		183	152	1.11	.89	67
OHIO	36 6600014 H01	TOLEDO	72	32	5		201	196	*	*	
OHIO	36 6600015 H01	TOLEDO	72	60	5		191	178	1.36	1.09	82
OHIO	36 6600016 H01	TOLEDO	72	49	1		151	150	1.28	1.02	77
OHIO	36 6600018 H01	TOLEDO	72	61	6		205	192	1.50	1.20	90
OHIO	36 6600019 H01	TOLEDO	72	61	6	1	269	180	1.50	1.20	90
125 SOUTH CENTRAL MICHIGAN				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
MICHIGAN	23 0040001 F01	ALBION	72	60			147	118	.68	.54	41
MICHIGAN	23 0240002 F01	ANN ARBOR	72	40	2		249	214	1.23	.98	74
MICHIGAN	23 0380001 F01	BATTLE CREEK	72	61	2		194	183	1.01	.81	61
MICHIGAN	23 2600001 F01	JACKSON	72	54	1		159	121	.81	.65	49
MICHIGAN	23 2640002 F01	KALAMAZOO	72	59			134	114	.98	.78	59
MICHIGAN	23 2660001 F01	KALAMAZOO COUNTY	72	50			125	106	*	*	
MICHIGAN	23 2840001 A01	LANSING	72	28			143	122	1.30	1.04	78

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
					SFC.	PRI.	1ST	2ND	SEC.	PRI.	
126 UPPER MICHIGAN				** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
MICHIGAN	23 0200001 F01	ALPENA	72	58	10	3	806	326	1.13	.90	68
MICHIGAN	23 0200002 F01	ALPENA	72	60	5		226	218	1.03	.92	62
MICHIGAN	23 0200003 F01	ALPENA	72	60	9	3	519	341	.96	.77	58
MICHIGAN	23 0740001 F01	CADILLAC	72	46	1		158	105	*	*	
MICHIGAN	23 0840001 F01	CHARLEVOIX	72	60	1		169	147	.53	.42	32
MICHIGAN	23 0840005 F01	CHARLEVOIX	72	59			117	117	.41	.33	25
MICHIGAN	23 1420001 F01	ESCANABA	72	26	1		186	126	*	*	
MICHIGAN	23 2480001 F01	IRON MOUNTAIN	72	41	1		163	122	.51	.41	31
MICHIGAN	23 3260005 F01	MARQUETTE	72	55			130	127	.75	.60	45
MICHIGAN	23 3260010 F01	MARQUETTE	72	54			150	118	.53	.42	32
MICHIGAN	23 3280001 F01	MARQUETTE COUNTY	72	56			122	121	.56	.45	34
MICHIGAN	23 3280002 F01	MARQUETTE COUNTY	72	57			87	85	.51	.41	31
MICHIGAN	23 3420001 F01	MENOMINEE	72	51	3	1	302	194	.85	.68	51
MICHIGAN	23 4060001 F01	ONTONAGON COUNTY	72	52			98	94	.36	.29	22
MICHIGAN	23 4820002 F01	SAULT STE MARIE	72	28			99	93	*	*	
127 CENTRAL MINNESOTA				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
MINNESOTA	24 3220001 H01	ST CLOUD	72	79	1		182	147	1.06	.85	64
MINNESOTA	24 3220016 H01	ST CLOUD	72	24			84	74	*	*	
MINNESOTA	24 3220017 H01	ST CLOUD	72	26	1		159	115	*	*	
MINNESOTA	24 3660001 H01	STEARNS COUNTY	72	31			70	67	*	*	
MINNESOTA	24 3660002 H01	STEARNS COUNTY	72	26			76	59	*	*	
MINNESOTA	24 3660003 H01	STEARNS COUNTY	72	28			76	68	*	*	
MINNESOTA	24 3950001 H01	WAITE PARK	72	31			111	80	*	*	
128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
MINNESOTA	24 0160001 F01	AUSTIN	72	50			133	130	*	*	
MINNESOTA	24 1180001 F01	FARIBAULT	72	21	2		195	159	*	*	
MINNESOTA	24 2100001 F01	MANKATO	72	20	1		182	118	*	*	
MINNESOTA	24 3120001 G01	ROCHESTER	72	33	2		196	190	*	*	
MINNESOTA	24 3120010 G01	ROCHESTER	72	28			96	87	*	*	
MINNESOTA	24 3120014 G01	ROCHESTER	72	27			134	98	*	*	
MINNESOTA	24 3120015 G01	ROCHESTER	72	28			118	112	*	*	
MINNESOTA	24 3120016 G01	ROCHESTER	72	75			117	115	.81	.65	49
MINNESOTA	24 4180002 F01	WINONA WINONA	72	11			75	72	*	*	
MINNESOTA	24 4200001 F02	WINONA COUNTY	72	22			70	54	*	*	
WISCONSIN	51 0840002 A01	EAU CLAIRE	72	30			82	81	.65	.52	39
129 DULUTH-SUPERIOR (MINN-WISC)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
MINNESOTA	24 1040001 A01	DULUTH	72	30	3	1	300	234	1.20	.96	72
MINNESOTA	24 1620001 F01	INTERNATIONAL FALLS	72	13	5		215	211	*	*	
MINNESOTA	24 1660001 F02	ITASCA COUNTY	72	30			47	46	*	*	
WISCONSIN	51 3480001 A01	SUPERIOR	72	23	2		193	162	*	*	
130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
MINNESOTA	24 2320001 A01	MOORHEAD	72	20	2		187	173	*	*	
MINNESOTA	24 2320003 F01	MOORHEAD	72	38	2		193	181	*	*	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
MINNESOTA	24 2320004 F01 MOORHEAD	72	25			143	132			
MINNESOTA	2320005 F01 MOORHEAD	72	17			136	113			
NORTH DAKOTA	35 0220001 F03 CASS COUNTY	72	55	1		156	103	.55	.44	33
NORTH DAKOTA	35 0400001 F01 FARGO	72	60	1		154	140	.83	.66	59
NORTH DAKOTA	35 0400002 F01 FARGO	72	54	4	1	310	180	1.08	.86	65
131 MINNEAPOLIS-ST. PAUL (MINN)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
MINNESOTA	24 0080001 F01 ANOKA	72	19			146	134			
MINNESOTA	24 0360004 F01 BLOOMINGTON	72	62	1		216	150	.66	.53	40
MINNESOTA	24 0940007 F01 DAKOTA COUNTY	72	19			64	62			
MINNESOTA	24 0940020 F02 DAKOTA COUNTY	72	26	3		173	158			
MINNESOTA	24 1460005 F01 HASTINGS	72	65	2		181	170	1.08	.86	65
MINNESOTA	24 2260001 A01 MINNEAPOLIS	72	26			130	106	1.06	.85	64
MINNESOTA	24 2260005 H01 MINNEAPOLIS	72	29	1		231	137			
MINNESOTA	24 2260007 H01 MINNEAPOLIS	72	42	5		257	243			
MINNESOTA	24 2260020 H01 MINNEAPOLIS	72	56	1		251	148	.73	.58	44
MINNESOTA	24 2260022 H01 MINNEAPOLIS	72	77	3		201	181	1.26	1.01	76
MINNESOTA	24 2260027 F01 MINNEAPOLIS	72	26	8		241	240			
MINNESOTA	24 3280006 F01 ST LOUIS PARK	72	25			130	112			
MINNESOTA	24 3300001 A01 ST PAUL	72	30	2		178	152	1.31	1.05	79
MINNESOTA	24 3300001 H01 ST PAUL	72	22			111	100			
MINNESOTA	24 3300003 H01 ST PAUL	72	23	2		171	155			
MINNESOTA	24 3300013 H01 ST PAUL	72	22	1		179	119			
MINNESOTA	24 3300014 H01 ST PAUL	72	23			147	115			
MINNESOTA	24 3300016 H01 ST PAUL	72	23			71	54			
MINNESOTA	24 3300018 H01 ST PAUL	72	22			112	98			
MINNESOTA	24 3300021 H01 ST PAUL	72	89	4		169	164	1.11	.89	67
MINNESOTA	24 3300023 H01 ST PAUL	72	23			98	71			
MINNESOTA	24 3300024 H01 ST PAUL	72	22			119	109			
MINNESOTA	24 3320004 F02 ST PAUL PARK	72	23	1		156	103			
MINNESOTA	24 4040001 F01 WAYZATA	72	9			111	38			
132 NORTHWEST MINNESOTA			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
MINNESOTA	24 0260002 F01 BEMIDJI	72	20			93	72			
MINNESOTA	24 0420001 F01 BRAINERD	72	47			147	67			
MINNESOTA	24 1060003 F01 EAST GRAND FORKS	72	30	3		175	166			
MINNESOTA	24 1220010 F01 FERGUS FALLS	72	6	1		173	85			
133 SOUTHWEST MINNESOTA			** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
MINNESOTA	24 1600001 F01 HUTCHINSON	72	30			135	108			
MINNESOTA	24 2140001 F01 MARSHALL	72	20			139	115			
MINNESOTA	24 2700001 F01 ORTONVILLE	72	23			70	57			
MINNESOTA	24 4140001 F01 WILLMAR	72	22			130	103			
MINNESOTA	24 4220001 F01 WORTHINGTON	72	23			106	74			
136 NORTHERN PIEDMONT (N.C.)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
NORTH CAROLINA	34 0160001 F01 ASHEBORO	72	41			130	90	.88	.70	53
NORTH CAROLINA	34 0440001 F02 BURLINGTON	72	48			142	121	.85	.68	51
NORTH CAROLINA	34 1275001 F02 EDEN	72	35			105	104	.88	.70	53
NORTH CAROLINA	34 1480001 G01 FORSYTH COUNTY	72	45			99	92	.73	.58	44

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
NORTH CAROLINA	34 1480002 G01	FORSYTH COUNTY	72	59			97	91	.85	.68	51
NORTH CAROLINA	34 1480003 G01	FORSYTH COUNTY	72	58			137	132	.49	.39	29
NORTH CAROLINA	34 1640001 F02	GRAHAM	72	48			145	100	.81	.65	49
NORTH CAROLINA	34 1740001 A01	GREENSBORO	72	26	2		251	169	1.45	1.16	87
NORTH CAROLINA	34 1740002 G02	GREENSBORO	72	49	12	4	374	357			
NORTH CAROLINA	34 1740003 G01	GREENSBORO	72	48	8		242	218			
NORTH CAROLINA	34 1780010 G02	GUILFORD COUNTY	72	49			129	117			
NORTH CAROLINA	34 2000002 G02	HIGH POINT	72	48	4		172	171			
NORTH CAROLINA	34 2000003 G02	HIGH POINT	72	43			149	135			
NORTH CAROLINA	34 2180001 G01	KERNERSVILLE	72	50	14	5	409	404	2.03	1.62	122
NORTH CAROLINA	34 2340001 F02	LEXINGTON	72	43	1		153	120	1.08	.86	65
NORTH CAROLINA	34 2760001 F02	MOUNT AIRY	72	8	.		105	89			
NORTH CAROLINA	34 3300001 F01	REIDSVILLE	72	8			79	74		-	
NORTH CAROLINA	34 4020001 F02	THOMASVILLE	72	42	2		186	164	1.16	.93	70
NORTH CAROLINA	34 4460002 A01	WINSTON-SALEM	72	25	3	1	410	152	1.63	1.30	98
NORTH CAROLINA	34 4460002 G02	WINSTON-SALEM	72	54	3		197	168	1.43	1.14	86
NORTH CAROLINA	34 4460003 G02	WINSTON-SALEM	72	55	2		193	164	1.36	1.09	82
NORTH CAROLINA	34 4460005 G01	WINSTON-SALEM	72	49			116	91	.83	.66	50
NORTH CAROLINA	34 4460006 G01	WINSTON-SALEM	72	59	4		203	175	1.60	1.28	96
NORTH CAROLINA	34 4460007 G01	WINSTON-SALEM	72	56			141	107	.93	.74	56
NORTH CAROLINA	34 4460008 G01	WINSTON-SALEM	72	55	4		186	175	1.36	1.09	82
NORTH CAROLINA	34 4460009 G02	WINSTON-SALEM	72	56	5	1	1,106	187	1.70	1.36	102
NORTH CAROLINA	34 4460010 G01	WINSTON-SALEM	72	33			72	70			
NORTH CAROLINA	34 4460011 G01	WINSTON-SALEM	72	49			130	114	1.03	.82	62
137 NORTHERN MISSOURI				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
MISSOURI	26 1120005 F01	COLUMBIA	72	44			106	94	.61	.49	37
MISSOURI	26 1920001 F01	HANNIBAL	72	29			104	73		.	
MISSOURI	26 2980001 F01	MARYVILLE	72	59			143	128	.73	.58	44
MISSOURI	26 3020001 F01	MEXICO	72	54			143	132	.91	.73	55
MISSOURI	26 3020004 F01	MEXICO	72	53	14	1	685	204	1.58	1.26	95
138 SOUTHEAST MISSOURI				** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
MISSOURI	26 0700001 F01	CAPE GIRARDEAU	72	57			127	126	.85	.68	51
MISSOURI	26 0700002 F01	CAPE GIRARDEAU	72	59			141	138	.86	.69	52
MISSOURI	26 3800001 F01	POPLAR BLUFF	72	43	15	6	815	673	1.91	1.53	115
MISSOURI	26 3800002 F01	POPLAR BLUFF	72	51	1		163	126	.78	.62	47
MISSOURI	26 4100001 F01	ROLLA	72	54			124	114	.81	.65	49
MISSOURI	26 4540001 F01	SIKESTON	72	49			125	116	.90	.72	54
MISSOURI	26 4540002 F01	SIKESTON	72	53	2		159	150	.90	.72	54
139 SOUTHWEST MISSOURI				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
MISSOURI	26 2360001 F01	JOPLIN	72	23			111	107	-	-	
MISSOURI	26 2360002 F01	JOPLIN	72	24	2		239	165	-	-	
MISSOURI	26 4480002 A03	SHANNON COUNTY	72	29			73	64	.41	.33	25
141 GREAT FALLS (MONT)				** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
MONTANA	27 0570001 A03	GLACIER NATIONAL PARK	72	28			37	37	.25	.20	15

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANM. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
142 HELENA (MONT)			** PRIORITY 1A **					AS OF OCTOBER 06, 1973		
MONTANA	27 0720001 A01 HELENA	72	13			147	83			
145 LINCOLN-BEATRICE-FAIRBURY (NEB)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
NEBRASKA	28 0160001 F01 BEATRICE	72	30			125	122	.98	.78	59
NEBRASKA	28 0820001 F01 FAIRBURY	72	30			135	126	1.01	.81	61
NEBRASKA	28 1520001 G01 LANCASTER COUNTY	72	55			98	97	.58	.46	35
NEBRASKA	28 1560002 A01 LINCOLN	72	29	1	1	400	129	1.13	.90	68
NEBRASKA	28 1560003 G01 LINCOLN	72	61			104	98	.91	.73	55
NEBRASKA	28 1560004 G01 LINCOLN	72	61	1		184	139	1.06	.85	64
NEBRASKA	28 1560005 G01 LINCOLN	72	60			139	130	1.00	.80	60
NEBRASKA	28 1560006 G01 LINCOLN	72	60	2		158	155	1.10	.88	66
146 NEBRASKA (REMAINDER)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
NEBRASKA	28 0400001 F01 CASS COUNTY	72	26	5		200	178	1.65	1.32	99
NEBRASKA	28 0400002 F01 CASS COUNTY	72	11			137	105			
NEBRASKA	28 0440001 F01 CHADRON	72	27	1		170	143	1.03	.82	62
NEBRASKA	28 0560001 F01 COLUMBUS	72	6			57	52			
NEBRASKA	28 0700001 F05 DAWSON COUNTY	72	15	2	2	341	302			
NEBRASKA	28 0900001 F01 FREMONT	72	7			138	137			
NEBRASKA	28 1080001 F01 GRAND ISLAND	72	28			146	124	1.06	.85	64
NEBRASKA	28 1200001 F01 HASTINGS	72	6			117	92			
NEBRASKA	28 1380001 F01 KEARNEY	72	7			80	53			
NEBRASKA	28 1540001 F01 LEXINGTON	72	29			143	120	.78	.62	47
NEBRASKA	28 1640001 F01 MCCOOK	72	30			113	109	.98	.79	59
NEBRASKA	28 1800001 F01 NORFOLK	72	28			140	139	.88	.70	53
NEBRASKA	28 1820001 F01 NORTH PLATTE	72	29			106	98	.86	.69	52
NEBRASKA	28 2240001 F01 SCOTTS BLUFF	72	25	3	1	289	169			
NEBRASKA	28 2480001 A03 THOMAS COUNTY	72	22			80	63			
147 NEVADA (REMAINDER)			** PRIORITY 1A **					AS OF OCTOBER 06, 1973		
NEVADA	29 0120001 F01 ELKO	72	45			145	115	.95	.76	57
NEVADA	29 0160001 F01 ELY	72	61	1		172	126	.93	.74	56
NEVADA	29 0220001 F01 FALLON	72	48	4	1	327	197	1.36	1.09	92
NEVADA	29 0240001 F01 HAWTHORNE	72	61			126	95	.90	.72	54
NEVADA	29 0420001 F01 NYE COUNTY	72	56	14	4	446	304	1.61	1.29	97
NEVADA	29 0420002 F01 NYE COUNTY	72	32			48	45			
NEVADA	29 0560001 A03 WHITE PINE COUNTY	72	30			60	45	.20	.16	12
NEVADA	29 0560002 F02 WHITE PINE COUNTY	72	59	13	3	851	376	1.80	1.44	109
NEVADA	29 0580001 F01 WINNEMUCCA	72	50	3	1	270	254	1.06	.85	64
148 NORTHWEST NEVADA			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
NEVADA	29 0040001 F01 CARSON CITY	72	55			110	107	.90	.72	54
NEVADA	29 0100001 F01 DOUGLAS COUNTY	72	60			123	113	.90	.72	54
NEVADA	29 0100002 F01 DOUGLAS COUNTY	72	55	3		204	196	1.16	.93	70
NEVADA	29 0360001 F01 LYON COUNTY	72	59	1		260	150	1.18	.94	71
NEVADA	29 0360002 F01 LYON COUNTY	72	60	2		176	154	1.25	1.00	75
NEVADA	29 0480001 A01 RENO	72	28	4		218	204	1.55	1.24	93

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	A N N U A L RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
NEVADA	29 0480001 I01 RENO	72	58	5		296	201	1.43	1.14	86
NEVADA	29 0480003 I01 RENO	72	55	6		249	242	1.35	1.08	81
NEVADA	29 0480006 I01 RENO	72	58			147	147	.78	.62	47
NEVADA	29 0480007 I01 RENO	72	57	1		152	131	1.20	.96	72
NEVADA	29 0480008 I01 RENO	72	17	1		180	118	*		
NEVADA	29 0500002 I01 SPARKS	72	59	1		163	107	.95	.76	57
NEVADA	29 0500003 I01 SPARKS	72	56	7		252	213	1.69	1.34	101
NEVADA	29 0540001 I01 WASHOE COUNTY	72	58			99	91	.48	.38	29
NEVADA	29 0540002 I01 WASHOE COUNTY	72	60			70	56	.38	.30	23
149 CENTRAL NEW HAMPSHIRE			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
NEW HAMPSHIRE	30 0130001 F01 CONWAY	72	19			144	70	*		
NEW HAMPSHIRE	30 0240006 F01 GRAFTON COUNTY	72	40	1		186	127	.51	.41	31
150 NEW JERSEY (REMAINDER)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
NEW JERSEY	31 0080002 F01 ATLANTIC COUNTY	72	21			56	54		*	
NEW JERSEY	31 0100001 F01 ATLANTIC CITY	72	56	1		156	94	.95	.76	57
NEW JERSEY	31 0780001 F01 CAPE MAY COUNTY	72	21			70	56			
NEW JERSEY	31 1960001 F01 HAMMONTON	72	19			47	45			
NEW JERSEY	31 3900001 F01 OCEAN COUNTY	72	22			56	41			
NEW JERSEY	31 3900002 F01 OCEAN COUNTY	72	21			56	52			
NEW JERSEY	31 3900003 F01 OCEAN COUNTY	72	26			97	76			
NEW JERSEY	31 3900004 F01 OCEAN COUNTY	72	27			69	65			
NEW JERSEY	31 5360002 F01 TOMS RIVER	72	59			124	89	.75	.60	45
151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
NEW JERSEY	31 2260002 F01 HUNTERDON COUNTY	72	21			86	78		*	
NEW JERSEY	31 4240001 F01 PHILLIPSBURG	72	30	1		169	136	*		
NEW JERSEY	31 4240003 F01 PHILLIPSBURG	72	28			146	126			
NEW JERSEY	31 5660001 F01 WARREN COUNTY	72	20			57	39			
PENNSYLVANIA	39 0120001 A01 ALLENTOWN	72	30	2		155	155	1.45	1.16	87
PENNSYLVANIA	39 0120701 F01 ALLENTOWN	72	53			123	109	1.00	.80	60
PENNSYLVANIA	39 0720711 F03 BERKS COUNTY	72	59			97	93	.81	.65	49
PENNSYLVANIA	39 0720716 F01 BERKS COUNTY	72	55	3		233	183	1.41	1.13	85
PENNSYLVANIA	39 0780703 F01 BETHLEHEM	72	56	5		190	174	1.33	1.06	80
PENNSYLVANIA	39 0780705 F02 BETHLEHEM	72	45	5		179	171	*		
PENNSYLVANIA	39 2400202 F01 DICKSON CITY	72	50	9	1	265	190	1.43	1.14	96
PENNSYLVANIA	39 2720704 F01 EASTON	72	55	1		151	132	1.20	.96	72
PENNSYLVANIA	39 2980706 F01 EMMAUS	72	51			123	106	.78	.62	47
PENNSYLVANIA	39 3960001 A01 HAZLETON	72	28	6	2	377	346	1.70	1.36	102
PENNSYLVANIA	39 4410203 F02 JESSUP	72	49			131	127	.76	.61	46
PENNSYLVANIA	39 4820717 F02 LAURELDALE	72	60	8		238	229	1.40	1.12	84
PENNSYLVANIA	39 5220209 F01 LUZERNE COUNTY	72	51	13	1	267	205	1.70	1.36	102
PENNSYLVANIA	39 5220210 F03 LUZERNE COUNTY	72	45			128	113	.88	.70	53
PENNSYLVANIA	39 6300206 F01 NANTICOKE	72	46	1		164	140	1.10	.89	66
PENNSYLVANIA	39 6580702 F02 NORTHAMPTON COUNTY	72	49			111	97	.90	.72	54
PENNSYLVANIA	39 6580707 F03 NORTHAMPTON COUNTY	72	47			145	117	*	*	
PENNSYLVANIA	39 7280204 F01 PITTSTON	72	49	3		221	184	1.35	1.09	91
PENNSYLVANIA	39 7620001 A01 READING	72	30	4		217	203	1.45	1.16	87

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
PENNSYLVANIA	39 7620712 F01 READING	72	29	1		199	149			
PENNSYLVANIA	39 7620715 F02 READING	72	56	16	2	288	286	1.95	1.56	117
PENNSYLVANIA	39 8040001 A01 SCRANTON	72	29	18	9	526	448	3.15	2.52	139
PENNSYLVANIA	39 8040209 F01 SCRANTON	72	42	5	1	299	247	1.61	1.29	97
PENNSYLVANIA	39 8240713 F01 SHILLINGTON	72	55			96	94	.85	.68	51
PENNSYLVANIA	39 8270714 F01 SINKING SPRING	72	59	3		177	162	1.33	1.04	78
PENNSYLVANIA	39 9430001 A01 WILKES BARRE	72	29	9		268	242	1.88	1.53	113
PENNSYLVANIA	39 9430201 F01 WILKES-BARRE	72	46	17	3	350	271	2.11	1.69	127
PENNSYLVANIA	39 9430207 F01 WILKES-BARRE	72	46	15	1	294	232	1.90	1.52	114
PENNSYLVANIA	39 9520205 F01 WYOMING	72	27	3		234	174			
			** PRIORITY 1					AS OF OCTOBER 06, 1973		
152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)										
NEW MEXICO	32 0040001 A01 ALBUQUERQUE	72	24	5		207	185	1.53	1.22	92
NEW MEXICO	32 0040001 H01 ALBUQUERQUE	72	13	4	1	322	200			
NEW MEXICO	32 0040003 H01 ALBUQUERQUE	72	25	13	2	336	333			
NEW MEXICO	32 0040004 H01 ALBUQUERQUE	72	25	3	1	318	183			
NEW MEXICO	32 0040005 H01 ALBUQUERQUE	72	23	5		255	169			
NEW MEXICO	32 0040006 H01 ALBUQUERQUE	72	24	1		157	135			
NEW MEXICO	32 0040007 H02 ALBUQUERQUE	72	24	1		161	144			
NEW MEXICO	32 0040009 H02 ALBUQUERQUE	72	24	4		213	190			
NEW MEXICO	32 0140001 H01 BERNALILLO COUNTY	72	25	7	1	301	228			
NEW MEXICO	32 0140002 H01 BERNALILLO COUNTY	72	20	5	1	309	182			
NEW MEXICO	32 0140011 H01 BERNALILLO COUNTY	72	25	13	1	276	249			
NEW MEXICO	32 0140031 H01 BERNALILLO COUNTY	72	17			83	72			
			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX)										
NEW MEXICO	32 0020001 F01 ALAMOGORDO	72	56	7	1	269	217	1.26	1.01	76
NEW MEXICO	32 0590001 F01 LAS CRUCES	72	49	17	1	404	237			
TEXAS	45 1700002 A01 EL PASO	72	25	9	3	390	324	2.36	1.89	142
TEXAS	45 1700002 G01 EL PASO	72	62	29	8	416	379			
TEXAS	45 1700007 G01 EL PASO	72	40	7	3	790	488			
TEXAS	45 1700009 G01 EL PASO	72	50	6	2	548	348			
TEXAS	45 1700010 G01 EL PASO	72	45	12	9	1,176	904			
TEXAS	45 1700011 G01 EL PASO	72	42	8	4	542	389			
TEXAS	45 1700012 G01 EL PASO	72	40	7	3	383	289			
TEXAS	45 1700013 G01 EL PASO	72	9	1	1	750	53			
TEXAS	45 1700017 G01 EL PASO	72	39	16	3	616	530			
TEXAS	45 1700018 G01 EL PASO	72	35	21	7	371	352			
TEXAS	45 1700019 G01 EL PASO	72	35	7	3	742	385			
TEXAS	45 1700020 G01 EL PASO	72	43	7	2	472	278			
TEXAS	45 1700021 G01 EL PASO	72	38	21	9	1,884	506			
TEXAS	45 1700023 G01 EL PASO	72	53	20	8	503	488			
TEXAS	45 1700024 G01 EL PASO	72	46	2	1	323	162			
TEXAS	45 1713002 G01 EL PASO COUNTY	72	7	1	1	432	128			
			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
154 NORTHEAST PLAINS (N. MEX)										
NEW MEXICO	32 0900001 F01 RATON	72	26	2	2	384	293			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SFC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SFC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
155 PECOS-PERMIAN BASIN (N. MEX)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
NEW MEXICO	32 0060001 F01 ARTESIA	72	19	1	1	472	48			
NEW MEXICO	32 0160001 F01 CARLSBAD	72	44	3	1	274	160	1.01	.81	61
NEW MEXICO	32 0240001 F01 CLOVIS	72	20	5		159	158			
NEW MEXICO	32 0540001 F01 HOBBS	72	13	2	1	283	171			
NEW MEXICO	32 0960001 F01 ROSWELL	72	23	3	2	632	506			
157 UPPER RIO GRANDE VALLEY (N. MEX)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
NEW MEXICO	32 0700001 F01 LOS ALAMOS	72	49	1		144	46	.38	.30	23
NEW MEXICO	32 0920001 A03 RIO ARRIBA COUNTY	72	25			110	84	.46	.37	28
NEW MEXICO	32 1040001 F01 SANTA FE	72	28			94	83			
NEW MEXICO	32 1040002 F01 SANTA FE	72	32			99	99			
158 CENTRAL NEW YORK			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
NEW YORK	33 0240001 F01 AUBURN	72	47			105	103	.95	.76	57
NEW YORK	33 0240002 F01 AUBURN	72	41			78	74			
NEW YORK	33 0740001 F01 CANASTOTA	72	48			88	82	.65	.52	39
NEW YORK	33 1380001 F01 CORTLAND	72	58			149	149	.95	.76	57
NEW YORK	33 1400001 F01 CORTLAND COUNTY	72	51			99	92	.51	.41	31
NEW YORK	33 1800001 F01 EAST SYRACUSE	72	60	10		214	205	1.46	1.17	88
NEW YORK	33 2320001 F01 FULTON	72	56			86	83	.75	.60	45
NEW YORK	33 2800001 F01 HAMILTON	72	52			76	65	.51	.41	31
NEW YORK	33 3340001 A03 JEFFERSON COUNTY	72	25			63	60			
NEW YORK	33 3980001 F01 LOWVILLE	72	29			106	77			
NEW YORK	33 5040001 F01 ONEIDA	72	21			75	62			
NEW YORK	33 5040002 F01 ONEIDA	72	32			99	79			
NEW YORK	33 5100001 F01 ONONDAGA COUNTY	72	58	1		157	81	.69	.54	41
NEW YORK	33 5100002 F01 ONONDAGA COUNTY	72	60	17	3	413	320	1.89	1.50	113
NEW YORK	33 5100003 F01 ONONDAGA COUNTY	72	58			137	121	.71	.57	43
NEW YORK	33 5100004 F01 ONONDAGA COUNTY	72	58	2		224	196	.95	.76	57
NEW YORK	33 5100006 F01 ONONDAGA COUNTY	72	59	3		217	216	1.21	.97	73
NEW YORK	33 5100007 F01 ONONDAGA COUNTY	72	56	1		154	136	1.03	.82	62
NEW YORK	33 5100008 F01 ONONDAGA COUNTY	72	60	3		183	181	1.06	.85	64
NEW YORK	33 5100010 F01 ONONDAGA COUNTY	72	60			141	140	1.15	.92	69
NEW YORK	33 5100011 F01 ONONDAGA COUNTY	72	57	6	1	408	210	.95	.76	57
NEW YORK	33 5220001 F01 OSWEGO	72	55			131	88	.93	.74	56
NEW YORK	33 5220002 F01 OSWEGO	72	42			65	64			
NEW YORK	33 5820001 F01 ROME	72	58	4		170	169	1.18	.94	71
NEW YORK	33 6320001 F01 SOLVAY	72	57	1		175	117	.96	.77	58
NEW YORK	33 6620001 A01 SYRACUSE	72	26	7	1	291	225	1.85	1.48	111
NEW YORK	33 6620001 F01 SYRACUSE	72	57	8	3	339	336	1.78	1.42	107
NEW YORK	33 6620002 F01 SYRACUSE	72	61	3		194	163	1.03	.82	62
NEW YORK	33 6620003 F01 SYRACUSE	72	59	11	1	307	214	1.68	1.34	101
NEW YORK	33 6620005 F01 SYRACUSE	72	58	6		210	192	1.38	1.10	83
NEW YORK	33 6620008 F01 SYRACUSE	72	59			138	125	1.06	.85	64
NEW YORK	33 6620009 F01 SYRACUSE	72	53			147	142	1.26	1.01	76
NEW YORK	33 6620010 F01 SYRACUSE	72	20	4		248	183			
NEW YORK	33 6620011 F01 SYRACUSE	72	39	1		202	138			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		GEOM. MEAN UG/CU.M.
					SEC.	PRI.	1ST	2ND	SEC.	PRI.	
NEW YORK	33 6880001 A01	UTICA	72	25	2		171	163	1.20	.96	72
NEW YORK	33 6880001 F01	UTICA	72	59	1		151	143	1.06	.85	64
NEW YORK	33 6880003 F01	UTICA	72	42			107	106			
NEW YORK	33 6880004 F01	UTICA	72	34			94	79			
NEW YORK	33 7160001 F01	WATERTOWN	72	41			109	97	.78	.62	47
159 CHAMPLAIN VALLEY (N.Y.-VT)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
NEW YORK	33 1120001 F01	CLINTON COUNTY	72	30			78	74			
NEW YORK	33 2480001 F01	GLENS FALLS	72	51			125	95	.88	.70	53
NEW YORK	33 3160001 F01	HUDSON FALLS	72	9			71	53			
NEW YORK	33 3560001 F01	LAKE PLACID	72	47			88	83	.48	.38	29
NEW YORK	33 5000001 F01	OGDENSBURG	72	52			135	112	.65	.52	39
NEW YORK	33 5480002 F01	PLATTSBURGH	72	56			118	85	.68	.54	41
NEW YORK	33 5960001 F01	SARANAC LAKE	72	54	1		164	117	.58	.46	35
NEW YORK	33 6680002 F01	TICONDEROGA	72	42			89	52			
NEW YORK	33 6820001 F01	TUPPER LAKE	72	30			58	57			
VERMONT	47 0140001 A01	BURLINGTON	72	8	1		251	147			
160 GENESEE-FINGER LAKES (N.Y.)				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
NEW YORK	33 0360001 F01	BATAVIA	72	51			122	107	.86	.69	52
NEW YORK	33 0550001 F01	BRIGHTON	72	59			138	109	.91	.73	55
NEW YORK	33 2420001 F01	GENESEO	72	49			114	110	.63	.50	39
NEW YORK	33 2440001 F01	GENEVA	72	54			96	93	.96	.77	58
NEW YORK	33 2650001 F01	GREECE	72	54			113	110	.96	.77	58
NEW YORK	33 3250001 F01	IRONDEQUOIT	72	59			116	115	.86	.69	52
NEW YORK	33 4380001 F01	MONROE COUNTY	72	56	2		179	158	1.01	.81	61
NEW YORK	33 4380002 F01	MONROE COUNTY	72	56			87	87	.63	.50	38
NEW YORK	33 4380003 F01	MONROE COUNTY	72	59			96	90	.68	.54	41
NEW YORK	33 5400001 F01	PENN YAN	72	12			70	60			
NEW YORK	33 5760001 A01	ROCHESTER	72	30	1		177	138	1.46	1.17	88
NEW YORK	33 5760001 F01	ROCHESTER	72	61	2		168	159	1.40	1.12	84
NEW YORK	33 5760002 F01	ROCHESTER	72	59			147	125	1.01	.81	61
NEW YORK	33 5760003 F01	ROCHESTER	72	59	8		200	178	1.50	1.20	90
NEW YORK	33 5760004 F01	ROCHESTER (C)	72	58	1		158	106	.85	.68	51
NEW YORK	33 5760005 F01	ROCHESTER	72	59			107	100	.86	.69	52
NEW YORK	33 5760007 F01	ROCHESTER	72	44	1		164	121			
NEW YORK	33 5760008 F01	ROCHESTER	72	44			142	115			
NEW YORK	33 7060001 F01	WARSAW	72	55	1		166	130	.78	.62	47
NEW YORK	33 7260002 F01	WEBSTER	72	59			103	103	.70	.56	42
161 HUDSON VALLEY (N.Y.)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
NEW YORK	33 0040001 A01	ALBANY	72	24			130	122	1.05	.84	63
NEW YORK	33 0040001 F01	ALBANY	72	41			146	127			
NEW YORK	33 0040002 F01	ALBANY	72	55	16	1	269	240	1.96	1.57	118
NEW YORK	33 0040003 F01	ALBANY	72	56	17	3	553	334	1.83	1.46	110
NEW YORK	33 0040004 F01	ALBANY	72	32	7		215	170			
NEW YORK	33 0160001 F01	AMSTERDAM	72	47			129	126	1.03	.82	62
NEW YORK	33 1170001 F01	COEYMANS	72	57			137	129	.96	.77	58
NEW YORK	33 1170002 F01	COEYMANS	72	47			113	98	.88	.70	53

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
NEW YORK	33 1180001 F01 COHOES	72	28			137	119			
NEW YORK	33 1220001 F01 COLUMBIA COUNTY	72	49			73	70	.53	.42	32
NEW YORK	33 1220002 F01 COLUMBIA COUNTY	72	19			41	39			
NEW YORK	33 1220003 F01 COLUMBIA COUNTY	72	7			78	76			
NEW YORK	33 1620001 F01 DUTCHESS COUNTY	72	49			122	77	.65	.52	39
NEW YORK	33 1620002 F01 DUTCHESS COUNTY	72	56			115	105	.85	.63	51
NEW YORK	33 1860001 F01 ELLENVILLE	72	39			111	82	.68	.54	41
NEW YORK	33 3140001 F01 HUDSON	72	44			115	109	.86	.69	52
NEW YORK	33 3430001 F01 JOHNSTOWN	72	47			77	72			
NEW YORK	33 3500001 F01 KINGSTON	72	51	1		151	120	1.05	.84	63
NEW YORK	33 3500002 F01 KINGSTON	72	40			147	146	1.21	.97	73
NEW YORK	33 4560001 F01 NEWBURG	72	49	1		155	135	1.16	.93	70
NEW YORK	33 4600001 F01 NEW PALTZ	72	50	2		239	158	1.03	.82	62
NEW YORK	33 5620002 F01 POUGH KEEPSIE	72	39	2		157	151			
NEW YORK	33 5640001 F01 PUTNAM COUNTY	72	28			105	102			
NEW YORK	33 5640002 F01 PUTNAM COUNTY	72	22			142	100			
NEW YORK	33 5680001 F01 RENSSELAER	72	51	4	1	292	228	1.28	1.02	77
NEW YORK	33 5700001 F01 RENSSELAER COUNTY	72	58			117	106	.95	.76	57
NEW YORK	33 5700011 F01 RENSSELAER COUNTY	72	50			104	75	.50	.40	30
NEW YORK	33 5700021 F01 RENSSELAER COUNTY	72	46			149	87			
NEW YORK	33 5970003 F01 SARATOGA SPRINGS	72	9			70	47			
NEW YORK	33 5980001 F01 SAUGERTIES	72	48	2		169	153	1.20	.96	72
NEW YORK	33 6020001 F01 SCHENECTADY	72	38	1		158	105			
NEW YORK	33 6020002 F01 SCHENECTADY	72	57	2		176	155	1.01	.81	61
NEW YORK	33 6040001 F01 SCHENECTADY COUNTY	72	46			78	73	.55	.44	33
NEW YORK	33 6040011 F01 SCHENECTADY COUNTY	72	53			105	90	.71	.57	43
NEW YORK	33 6060002 F01 SCHOHARIE COUNTY	72	47			145	105	.83	.66	50
NEW YORK	33 6780002 F01 TROY	72	29			89	87			
NEW YORK	33 6840001 F01 ULSTER COUNTY	72	53			106	93	.63	.50	39
NEW YORK	33 6840002 F01 ULSTER COUNTY	72	55	22	10	484	453	2.06	1.65	124
162 NIAGARA FRONTIER (N.Y.)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
NEW YORK	33 0020001 F01 AKRON	72	53			129	113	.86	.69	52
NEW YORK	33 0130001 F01 AMHERST	72	58			130	118	1.06	.85	64
NEW YORK	33 0130002 F01 AMHERST	72	20			136	130			
NEW YORK	33 0500001 F01 BLASDELL	72	138	4	1	292	158	1.20	.96	72
NEW YORK	33 0660001 A01 BUFFALO	72	27	2		171	169	1.60	1.28	96
NEW YORK	33 0660001 F01 BUFFALO	72	54			135	119	1.20	.96	72
NEW YORK	33 0660002 F01 BUFFALO	72	57			139	115	1.13	.90	68
NEW YORK	33 0660003 F01 BUFFALO	72	137	49	4	363	290	2.10	1.69	126
NEW YORK	33 0660005 F01 BUFFALO	72	60	12	2	292	290	1.75	1.40	105
NEW YORK	33 0660006 F01 BUFFALO	72	139	17	1	279	195	1.58	1.26	95
NEW YORK	33 0660007 F01 BUFFALO	72	288	20		237	228	1.45	1.16	87
NEW YORK	33 0660008 F01 BUFFALO	72	14	1		182	111			
NEW YORK	33 0660009 F01 BUFFALO	72	16			128	121			
NEW YORK	33 1020001 F01 CHEEKTOWAGA NW	72	59	3		214	157	1.41	1.13	85
NEW YORK	33 2000003 F01 ERIE COUNTY	72	169			106	98			
NEW YORK	33 2000011 F01 ERIE COUNTY	72	50			94	92	.56	.45	34
NEW YORK	33 3420001 F01 KENMORE	72	56	1		155	144	1.36	1.09	82

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
NEW YORK	33 3520001 F01 LACAWANNA	72	275	80	9	301	299	1.78	1.42	107
NEW YORK	33 3520002 F01 LACAWANNA	72	140	33		249	218	1.66	1.33	100
NEW YORK	33 3640001 F01 LANCASTER	72	58			117	96	.78	.62	47
NEW YORK	33 3760001 F01 LEWISTON	72	49	3		178	170			
NEW YORK	33 3760002 F01 LEWISTON (T)	72	61	6		205	179	1.30	1.04	78
NEW YORK	33 3920001 F01 LOCKPORT	72	56			106	105	.90	.72	54
NEW YORK	33 3920002 F01 LOCKPORT	72	56			111	109	.83	.66	50
NEW YORK	33 3920005 F01 LOCKPORT	72	60	1		161	129	.98	.78	59
NEW YORK	33 3920006 F01 LOCKPORT (C)	72	59	1		152	145	.88	.70	53
NEW YORK	33 3920008 F01 LOCKPORT	72	60			114	108	.91	.73	55
NEW YORK	33 3920009 F01 LOCKPORT	72	54			142	134	1.10	.88	66
NEW YORK	33 3920010 F01 LOCKPORT	72	60	1		175	140	1.13	.90	68
NEW YORK	33 4720001 F01 NIAGARA COUNTY	72	60			111	108	.75	.60	45
NEW YORK	33 4720002 F01 NIAGARA COUNTY	72	59			109	107	.78	.62	47
NEW YORK	33 4730001 F01 NIAGARA	72	60	3		197	163	1.18	.94	71
NEW YORK	33 4740001 A01 NIAGARA FALLS	72	29	5		178	174	1.61	1.29	97
NEW YORK	33 4740001 F01 NIAGARA FALLS	72	59	6		170	164	1.55	1.24	93
NEW YORK	33 4740003 F01 NIAGARA FALLS	72	52	5		219	204	1.43	1.14	86
NEW YORK	33 4740006 F01 NIAGARA FALLS	72	58	18		236	218	1.91	1.53	115
NEW YORK	33 4740007 F01 NIAGARA FALLS	72	59	30	5	341	314	2.31	1.85	139
NEW YORK	33 4740008 F01 NIAGARA FALLS	72	60	7		222	210	1.55	1.24	93
NEW YORK	33 4740009 F01 NIAGARA FALLS	72	58	13		226	205	1.61	1.29	97
NEW YORK	33 4900001 F01 NORTH TONAWANDA	72	61	2		154	152	1.31	1.05	79
NEW YORK	33 4900002 F01 NORTH TONAWANDA	72	52			139	127	1.00	.80	60
NEW YORK	33 4900005 F01 NORTH TONAWANDA	72	61	2		164	160	1.36	1.09	82
NEW YORK	33 6280001 F01 SLOAN	72	60			146	131	1.21	.97	73
NEW YORK	33 6760002 F01 TONAWANDA	72	60	3		178	157	1.45	1.16	87
NEW YORK	33 6760003 F01 TONAWANDA	72	61			139	119	1.08	.86	65
NEW YORK	33 7450001 F01 WEST SENECA	72	57			120	119	.91	.73	55
NEW YORK	33 7450002 F01 WEST SENECA	72	50	2	1	387	158	1.31	1.05	79
NEW YORK	33 7455001 F01 WHEATFIELD	72	57			147	131	1.11	.89	67
163 SOUTHERN TIER EAST (N.Y.)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
NEW YORK	33 0480002 F01 BINGHAMTON	72	55			150	138	.96	.77	58
NEW YORK	33 0480003 F01 BINGHAMTON	72	49			133	122	.91	.73	55
NEW YORK	33 1080001 F01 CHENANGO COUNTY	72	32	1		157	72			
NEW YORK	33 1530001 F01 DELHI	72	8			75	63			
NEW YORK	33 1980001 F01 ENDICOTT	72	48	1		162	146	.85	.69	51
NEW YORK	33 1980002 F01 ENDICOTT	72	53	1		249	122	1.00	.80	60
NEW YORK	33 3380001 F01 JOHNSON CITY	72	51	1		176	150	1.10	.88	66
NEW YORK	33 4940001 F01 NORWICH	72	36			97	85			
NEW YORK	33 5020001 F01 OLEAN	72	59	1		164	128	.80	.64	48
NEW YORK	33 5290001 F01 OWEGO	72	23			89	76			
164 SOUTHERN TIER WEST (N.Y.)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
NEW YORK	33 0120001 F01 ALLEGANY COUNTY	72	13			46	36			
NEW YORK	33 0840002 F01 CATTARAUGUS COUNTY	72	47			126	110	.63	.50	38

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION				YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCD'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
NEW YORK	33 0840003	F01	CATTARAUGUS COUNTY	72	54			131	89	.66	.53	40
NEW YORK	33 0840004	F01	CATTARAUGUS COUNTY	72	39			95	94	.60	.48	36
NEW YORK	33 1060002	F01	CHEMUNG COUNTY	72	56			93	92	.76	.61	46
NEW YORK	33 1320001	F01	CORNING	72	37	2		240	199			
NEW YORK	33 1600001	F01	DUNKIRK	72	44			153	149	1.18	.94	71
NEW YORK	33 1600002	F01	DUNKIRK	72	10			105	64			
NEW YORK	33 1865001	F01	ELLICOTT	72	53			98	90	.61	.49	37
NEW YORK	33 1880002	F01	ELMIRA	72	55	3		197	172	1.21	.97	73
NEW YORK	33 3100001	F01	HORNELL	72	63			127	117	1.15	.92	69
NEW YORK	33 3120001	F01	HORSEHEADS	72	56			122	113	.90	.72	54
NEW YORK	33 3300001	F01	ITHACA	72	49			112	104	.88	.70	53
NEW YORK	33 3320001	F01	JAMESTOWN	72	59	5		242	222	1.38	1.10	83
NEW YORK	33 3320002	F01	JAMESTOWN	72	24	2		179	171			
NEW YORK	33 3320003	F01	JAMESTOWN	72	42	3		170	164	.95	.76	57
NEW YORK	33 6240001	F01	SILVER CREEK	72	10			65	62			
NEW YORK	33 7200001	F01	WATKINS GLEN	72	10			78	53			
NEW YORK	33 7280001	F01	WELLESVILLE	72	10			66	43			
165 EASTERN MOUNTAIN (N.C.)					** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
NORTH CAROLINA	34 0080001	G01	ALEXANDER COUNTY	72	31	6	6	1,014	1,004			
NORTH CAROLINA	34 0140001	F01	ASHE COUNTY	72	55	1		172	135	1.13	.90	68
NORTH CAROLINA	34 0400001	F02	BOONE	72	50			136	127	.81	.65	49
NORTH CAROLINA	34 0660001	G01	CATAWBA COUNTY	72	31			91	78			
NORTH CAROLINA	34 0840012	G01	CLEVELAND COUNTY	72	46			94	82			
NORTH CAROLINA	34 0840013	G02	CLEVELAND COUNTY	72	40	3		180	167			
NORTH CAROLINA	34 0840014	G02	CLEVELAND COUNTY	72	35			129	123			
NORTH CAROLINA	34 0910001	G01	CONOVER	72	30	1		161	95			
NORTH CAROLINA	34 1460001	F01	FOREST CITY	72	41			132	106			
NORTH CAROLINA	34 1960001	G02	HICKORY	72	23			129	123			
NORTH CAROLINA	34 1960002	G01	HICKORY	72	30			113	108			
NORTH CAROLINA	34 2200001	G01	KINGS MOUNTAIN	72	44	1		151	106			
NORTH CAROLINA	34 2300001	G01	LENOIR	72	29	7		242	217			
NORTH CAROLINA	34 2480001	F02	MCDOWELL COUNTY	72	51			124	114	.91	.73	55
NORTH CAROLINA	34 2540001	F01	MARION	72	56	2		244	154	1.26	1.01	76
NORTH CAROLINA	34 2740001	G02	MORGANTON	72	7			52	51			
NORTH CAROLINA	34 2900001	G01	NEWTON	72	31			109	107			
NORTH CAROLINA	34 2960001	F01	NORTH WILKESBORO	72	54			97	89	.61	.49	37
NORTH CAROLINA	34 3200001	F01	POLK COUNTY	72	55			112	105	.78	.62	47
NORTH CAROLINA	34 3520001	F01	RUTHERFORDTON	72	55			150	112	.91	.73	55
NORTH CAROLINA	34 3650001	G01	SHELBY	72	46			148	147			
NORTH CAROLINA	34 3820001	F01	SPINDALE	72	52			107	97	.73	.58	44
NORTH CAROLINA	34 3880001	F02	SPRUCE PINE	72	56	2		170	157	1.30	1.04	78
NORTH CAROLINA	34 3880002	F02	SPRUCE PINE	72	54			116	102	.73	.58	44
NORTH CAROLINA	34 3880003	F02	SPRUCE PINE	72	21			125	123			
NORTH CAROLINA	34 4360001	F01	WILKES COUNTY	72	56			109	106	.78	.62	47
NORTH CAROLINA	34 4500001	F02	YANCEY COUNTY	72	55			99	97	.68	.54	41
NORTH CAROLINA	34 4500002	F01	YANCEY COUNTY	72	56			115	102	.63	.50	38

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
			SEC.	PRI.	1ST	2ND	SEC.	PRI.	
166 EASTERN PIEDMONT (N.C.)		** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
NORTH CAROLINA 34 0680003 F01 CHAPEL HILL	72	43			97	90	.63	.50	38
NORTH CAROLINA 34 0720001 F01 CHATHAM COUNTY	72	47			146	125	1.05	.84	63
NORTH CAROLINA 34 1160001 A01 DURHAM	72	25			100	91	1.10	.88	66
NORTH CAROLINA 34 1160001 G01 DURHAM	72	33	1		159	142	1.31	1.05	79
NORTH CAROLINA 34 1160002 G01 DURHAM	72	60			112	91	.73	.59	44
NORTH CAROLINA 34 1890001 F01 HENDERSON	72	43			127	122	.81	.65	49
NORTH CAROLINA 34 3040001 F02 OXFORD	72	41			137	98			
NORTH CAROLINA 34 3240002 F01 RALEIGH	72	43	2		152	152	.91	.73	55
NORTH CAROLINA 34 3240003 F01 RALEIGH	72	36	2		195	160			
NORTH CAROLINA 34 3360001 F02 ROANOKE RAPIDS	72	42	1		162	114	.78	.62	47
NORTH CAROLINA 34 3440001 F01 ROCKY MOUNT	72	43			93	77	.18	.14	11
NORTH CAROLINA 34 3480001 F02 ROXBORO	72	44			103	90	.55	.44	33
NORTH CAROLINA 34 3480002 F02 ROXBORO	72	13			84	66			
NORTH CAROLINA 34 3590001 F01 SANFORD	72	48			117	111	.81	.65	49
NORTH CAROLINA 34 3700001 F01 SMITHFIELD	72	42	1		252	116	.78	.62	47
NORTH CAROLINA 34 4420001 F02 WILSON	72	42	1	1	264	143	.95	.76	57
167 METROPOLITAN CHARLOTTE (N.C.-S.C.)		-- PRIORITY 1 --				AS OF OCTOBER 05, 1973			
NORTH CAROLINA 34 0060001 F01 ALBEMARLE	72	29			92	91			
NORTH CAROLINA 34 0300001 G02 BELMONT	72	14	1		155	136			
NORTH CAROLINA 34 0700001 A01 CHARLOTTE	72	27			115	101	.95	.76	57
NORTH CAROLINA 34 0700001 G01 CHARLOTTE	72	26	2	1	320	173	1.23	.99	74
NORTH CAROLINA 34 0700002 G01 CHARLOTTE	72	57	4	1	285	244	1.28	1.02	77
NORTH CAROLINA 34 0700003 G01 CHARLOTTE	72	59	1		207	137	1.10	.88	66
NORTH CAROLINA 34 0700004 G01 CHARLOTTE	72	58	1		178	121	.91	.73	55
NORTH CAROLINA 34 0700005 G01 CHARLOTTE NC	72	14			132	100			
NORTH CAROLINA 34 0700006 G01 CHARLOTTE	72	59	9		223	213	1.65	1.32	99
NORTH CAROLINA 34 0700007 G01 CHARLOTTE	72	49			97	90			
NORTH CAROLINA 34 0700008 G01 CHARLOTTE	72	64			149	147	.93	.74	56
NORTH CAROLINA 34 0700009 G02 CHARLOTTE	72	27	2		219	162			
NORTH CAROLINA 34 0700010 G01 CHARLOTTE	72	56	2		246	187	1.15	.92	69
NORTH CAROLINA 34 0700011 G01 CHARLOTTE	72	59	1		165	132	.90	.72	54
NORTH CAROLINA 34 0700014 G01 CHARLOTTE	72	16			114	86			
NORTH CAROLINA 34 0760001 G01 CHERRYVILLE NC	72	23	1		204	131			
NORTH CAROLINA 34 0760002 G01 CHERRYVILLE	72	15	1		181	111			
NORTH CAROLINA 34 0900001 F01 CONCORD	72	41			140	125	1.08	.86	65
NORTH CAROLINA 34 0920001 G01 CRAMERTON NC	72	30	1		250	132			
NORTH CAROLINA 34 0920002 G02 CRAMERTON	72	15			95	83			
NORTH CAROLINA 34 1000001 G01 DALLAS NC	72	57			148	110	.78	.62	47
NORTH CAROLINA 34 1000003 G01 DALLAS	72	60			140	137	1.06	.85	64
NORTH CAROLINA 34 1040001 G01 DAVIDSON	72	57	3		166	164	1.05	.84	63
NORTH CAROLINA 34 1040002 G02 DAVIDSON	72	13			114	55			
NORTH CAROLINA 34 1580002 G02 GASTONIA	72	15	1		156	150			
NORTH CAROLINA 34 1580003 G01 GASTONIA	72	58	2		229	175	1.03	.82	62
NORTH CAROLINA 34 2060001 F02 IREDELL COUNTY	72	35			141	121			
NORTH CAROLINA 34 2160001 F02 KANNAPOLIS	72	28			119	111			
NORTH CAROLINA 34 2160002 G01 KANNAPOLIS	72	54	3		244	195	1.23	.98	74

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		GEOM. MEAN UG/CU.M.
							SEC.	PRI.	1ST	2ND	SEC.	PRI.	
NORTH CAROLINA	34	2230001	G01	LANDIS	72	54	2		181	159	.95	.76	57
NORTH CAROLINA	34	2390001	F01	LINCOLNTON	72	34			123	93			
NORTH CAROLINA	34	2390002	F01	LINCOLNTON	72	34			139	128			
NORTH CAROLINA	34	2590001	G01	MECKLENBURG COUNTY	72	12			48	46			
NORTH CAROLINA	34	2640001	F01	MONROE	72	39	2	1	266	204			
NORTH CAROLINA	34	2700001	F01	MOORESVILLE	72	45	3	1	297	191	1.33	1.06	80
NORTH CAROLINA	34	2730101	G02	MT. HOLLY	72	15	2		177	154			
NORTH CAROLINA	34	3460001	G03	ROWAN COUNTY	72	53	3	1	364	202	1.26	1.01	76
NORTH CAROLINA	34	3460019	G01	ROWAN COUNTY	72	36	1		233	125			
NORTH CAROLINA	34	3540002	G01	SALISBURY	72	36	3		208	193			
NORTH CAROLINA	34	3540003	G01	SALISBURY	72	14	3	2	474	373			
NORTH CAROLINA	34	3920001	F01	STATESVILLE	72	40			110	97	.96	.77	58
SOUTH CAROLINA	42	0640001	F01	CHESTER COUNTY	72	48			131	109	.71	.57	43
SOUTH CAROLINA	42	1440001	F01	LANCASTER	72	52	2		223	176	1.03	.92	62
SOUTH CAROLINA	42	1920001	F01	ROCK HILL	72	57	1	1	316	131	.88	.70	53
SOUTH CAROLINA	42	1920002	F01	ROCK HILL	72	50			144	125	.95	.76	57
SOUTH CAROLINA	42	1920004	F01	ROCK HILL	72	6			51	49			
SOUTH CAROLINA	42	2420001	F01	YORK	72	57			136	112	.79	.62	47
SOUTH CAROLINA	42	2440001	F01	YORK COUNTY	72	47			120	114			
168 NORTHERN COASTAL PLAIN (N.C.)						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
NORTH CAROLINA	34	0020001	F01	AHOSKIE	72	51			91	81	.70	.56	42
NORTH CAROLINA	34	0280001	F02	BEAUFORT COUNTY	72	43			149	63			
NORTH CAROLINA	34	0320001	F02	BERTIE COUNTY	72	50			84	81	.75	.60	45
NORTH CAROLINA	34	0560001	F01	CAMDEN COUNTY	72	14			57	49			
NORTH CAROLINA	34	0590001	A03	CAPE HATTERAS NAT SEA	72	14	5		214	180			
NORTH CAROLINA	34	1280001	F01	EDENTON	72	48			97	91	.65	.52	39
NORTH CAROLINA	34	1320001	F01	ELIZABETH CITY	72	51			132	101	.71	.57	43
NORTH CAROLINA	34	1400001	F02	FARMVILLE	72	48			112	110	.78	.62	47
NORTH CAROLINA	34	1600001	F02	GATES COUNTY	72	14			49	47			
NORTH CAROLINA	34	1760001	F01	GREENVILLE	72	14			58	58			
NORTH CAROLINA	34	1940001	F02	HERTFORD COUNTY	72	37			131	84			
NORTH CAROLINA	34	1940002	F02	HERTFORD COUNTY	72	52			106	93	.59	.46	35
NORTH CAROLINA	34	3160001	F02	PLYMOUTH	72	53			81	70	.63	.50	38
NORTH CAROLINA	34	4220001	F01	WASHINGTON	72	48			121	109	.90	.72	54
169 SANDHILLS (N.C.)						** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
NORTH CAROLINA	34	1120001	F01	DUNN	72	47	1		221	144	1.06	.85	64
NORTH CAROLINA	34	1420002	F01	FAYETTEVILLE	72	47	2		189	165	1.08	.86	65
NORTH CAROLINA	34	1420003	F02	FAYETTEVILLE	72	15			146	137			
NORTH CAROLINA	34	2240001	F01	LAURINBURG	72	51			119	94	.73	.58	44
NORTH CAROLINA	34	2460001	F01	LUMBERTON	72	50			143	130	.95	.76	57
NORTH CAROLINA	34	2690001	F01	MOORE COUNTY	72	42			108	97	.59	.45	35
NORTH CAROLINA	34	3400001	F02	ROCKINGHAM	72	27	1		222	132			
NORTH CAROLINA	34	3720001	F01	SOUTHERN PINES	72	48			118	100	.66	.53	40

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
							SEC.	PRI.	1ST	2ND	SEC.	PRI.	
170 SOUTHERN COASTAL PLAIN (N.C.)						** PRIORITY 2				AS OF OCTOBER 06, 1973			
NORTH CAROLINA	34	0460001	F02	BRUNSWICK COUNTY	72	43			141	123	.76	.61	46
NORTH CAROLINA	34	0880001	F02	COLUMBUS COUNTY	72	23	4		172	170			
NORTH CAROLINA	34	0880002	F02	COLUMBUS COUNTY	72	52			127	73	.70	.56	42
NORTH CAROLINA	34	0940001	F02	CRAVEN COUNTY	72	51			68	56	.51	.41	31
NORTH CAROLINA	34	1140001	F01	DUPLIN COUNTY	72	50			112	97	.55	.44	33
NORTH CAROLINA	34	1620002	F01	GOLDSBORO	72	52	1		162	117	1.06	.85	64
NORTH CAROLINA	34	2100001	F01	JACKSONVILLE	72	50			98	75	.75	.60	45
NORTH CAROLINA	34	2100002	F01	JACKSONVILLE	72	54	1		159	85	.63	.50	38
NORTH CAROLINA	34	2220001	F02	KINSTON	72	51			96	84	.70	.56	42
NORTH CAROLINA	34	2220002	F02	KINSTON	72	10			56	55			
NORTH CAROLINA	34	2720001	F02	MOREHEAD CITY	72	50	9	2	291	266	1.26	1.01	76
NORTH CAROLINA	34	2860001	F01	NEW BERN	72	52	1		174	86	.75	.60	45
NORTH CAROLINA	34	4185001	F01	WALLACE	72	16			91	80			
NORTH CAROLINA	34	4340001	F01	WHITEVILLE	72	51			96	94	.83	.66	50
NORTH CAROLINA	34	4400002	F01	WILMINGTON	72	52			125	102	.78	.62	47
NORTH CAROLINA	34	4400003	F01	WILMINGTON	72	49			147	97	.63	.49	36
NORTH CAROLINA	34	4400004	F02	WILMINGTON	72	52	2		180	152	.78	.62	47
171 WESTERN MOUNTAIN (N.C.)						** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
NORTH CAROLINA	34	0180002	I01	ASHEVILLE	72	38			109	76			
NORTH CAROLINA	34	0180003	I01	ASHEVILLE	72	132	2		164	154			
NORTH CAROLINA	34	0180004	I02	ASHEVILLE	72	38	17	1	279	258			
NORTH CAROLINA	34	0180005	I01	ASHEVILLE	72	41			101	100			
NORTH CAROLINA	34	0420001	F02	BREVARD	72	55			127	99	.65	.52	39
NORTH CAROLINA	34	0480018	I02	BUNCOMBE COUNTY	72	37	25	17	1,674	946			
NORTH CAROLINA	34	0480021	I01	BUNCOMBE COUNTY	72	40			104	97			
NORTH CAROLINA	34	0480022	I01	BUNCOMBE COUNTY	72	26			86	69			
NORTH CAROLINA	34	0480023	I02	BUNCOMBE COUNTY	72	38	2		197	135			
NORTH CAROLINA	34	0480024	I01	BUNCOMBE COUNTY	72	9	1		208	120			
NORTH CAROLINA	34	0590001	I02	CANTON	72	38	21	9	1,386	593			
NORTH CAROLINA	34	0740001	F02	CHEROKEE COUNTY	72	12			60	53			
NORTH CAROLINA	34	1860001	I01	HAYWOOD COUNTY	72	37			141	96			
NORTH CAROLINA	34	1860002	I02	HAYWOOD COUNTY	72	39	4	1	284	219			
NORTH CAROLINA	34	1860005	I01	HAYWOOD COUNTY	72	38			126	101			
NORTH CAROLINA	34	1860006	I02	HAYWOOD COUNTY	72	34			149	123			
NORTH CAROLINA	34	1860007	I01	HAYWOOD COUNTY	72	30	2		211	161			
NORTH CAROLINA	34	1920001	F01	HENDERSONVILLE	72	18			127	110			
NORTH CAROLINA	34	1920002	F01	HENDERSONVILLE	72	55	1		156	144	.83	.66	50
NORTH CAROLINA	34	1920003	F02	HENDERSONVILLE	72	55			137	134	.78	.62	47
NORTH CAROLINA	34	2080001	F02	JACKSON COUNTY	72	73	20	3	359	288	2.00	1.60	120
NORTH CAROLINA	34	2080002	F02	JACKSON COUNTY	72	76	23	4	388	359	1.86	1.49	112
NORTH CAROLINA	34	2080003	F02	JACKSON COUNTY	72	74	12		203	196	1.30	1.04	78
NORTH CAROLINA	34	2500001	F01	MACON COUNTY	72	54	2		158	155	1.00	.80	60
NORTH CAROLINA	34	3980001	F01	SWAIN COUNTY	72	42	2		176	164			
NORTH CAROLINA	34	4300003	I01	WAYNESVILLE	72	40	1		159	140			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION				YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
172 NORTH DAKOTA (REMAINDER)					** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
NORTH DAKOTA	35 0100001	A01	BISMARCK	72	30	4		213	202	1.45	1.16	87
NORTH DAKOTA	35 0100001	F01	BISMARCK	72	58	1	1	405	132	.98	.78	59
NORTH DAKOTA	35 0260001	F01	DEVILS LAKE	72	29	1		155	125	.71	.57	43
NORTH DAKOTA	35 0300001	F01	DICKINSON	72	28			105	100	.70	.56	42
NORTH DAKOTA	35 0480001	F01	GRAND FORKS	72	27			143	130			
NORTH DAKOTA	35 0480002	F01	GRAND FORKS	72	52	4	1	323	195	.83	.66	50
NORTH DAKOTA	35 0590001	F01	JAMESTOWN	72	22	3	3	377	373			
NORTH DAKOTA	35 0740001	F01	MANDAN	72	27			112	99	.70	.56	42
NORTH DAKOTA	35 0780001	F01	MINOT	72	30	3	2	420	394	1.00	.80	60
NORTH DAKOTA	35 1240001	F01	VALLEY CITY	72	27	6		174	165	1.46	1.17	88
NORTH DAKOTA	35 1260001	F01	WAHPETON	72	30	1	1	376	91	.70	.56	42
NORTH DAKOTA	35 1300001	F03	WARD COUNTY	72	52			63	59	.31	.25	19
NORTH DAKOTA	35 1360001	F01	WILLISTON	72	25			71	66	.56	.45	34
173 DAYTON (OHIO)					** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
OHIO	36 1100001	G01	CENTERVILLE	72	56	1		167	125	1.03	.82	62
OHIO	36 1660001	A01	DAYTON	72	28	10		219	194	1.90	1.52	114
OHIO	36 1660015	G01	DAYTON	72	55	7		192	191	1.66	1.33	100
OHIO	36 1660016	G01	DAYTON	72	41	20		254	248			
OHIO	36 1660017	G01	DAYTON	72	48	1		184	132	1.28	1.02	77
OHIO	36 1660019	G01	DAYTON	72	47			149	147			
OHIO	36 1660022	G01	DAYTON	72	42	2		176	151			
OHIO	36 2040001	G01	FAIRBORN	72	56			131	125	1.13	.90	68
OHIO	36 4280001	G01	MIAMISBURG	72	56	2		162	155	1.41	1.13	85
OHIO	36 4550001	G01	MORAINE	72	58	4		159	159	1.35	1.08	81
OHIO	36 5100001	G01	OAKWOOD	72	59			146	116	1.10	.88	66
OHIO	36 5520003	G01	PIQUA	72	60	5		241	204	1.18	.94	71
OHIO	36 6380001	G01	SPRINGFIELD	72	59			136	135	1.06	.85	64
OHIO	36 6380002	G01	SPRINGFIELD	72	58	1		176	125	.88	.70	53
OHIO	36 6380003	G01	SPRINGFIELD	72	49			149	113	.88	.70	53
OHIO	36 6580001	G01	TIPP CITY	72	30			117	110			
OHIO	35 6680001	G01	TROY	72	55			139	139	.96	.77	58
OHIO	36 6880003	G01	VANDALIA	72	54			139	125	.85	.68	51
OHIO	36 7300001	G01	WEST MILTON	72	56	1		155	100	.80	.64	48
OHIO	36 7670001	G01	WRIGHT PATTERSON A F B	72	12			84	77			
OHIO	36 7720001	G01	XENIA	72	50			122	107	.86	.69	52
OHIO	36 7740001	G01	YELLOW SPRINGS	72	22			95	80			
174 GREATER METROPOLITAN CLEVELAND (OHIO)					** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
OHIO	36 0060001	A01	AKRON	72	26	5		220	185			
OHIO	36 0060002	H01	AKRON	72	60	1		164	149	1.33	1.06	80
OHIO	36 0060003	H01	AKRON	72	55			149	147	1.26	1.01	76
OHIO	36 0060004	H01	AKRON	72	57	1		186	147	1.31	1.05	79
OHIO	36 0060005	H01	AKRON	72	38	2		177	157			
OHIO	36 0060006	H01	AKRON	72	57	12		232	206	1.86	1.49	112
OHIO	36 0060014	H01	AKRON	72	19	1		153	133			
OHIO	36 0100001	H02	ALLIANCE	72	55			147	134	1.40	1.12	84

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
OHIO	36 0360001 H01 BARBERTON	72	60	1		156	150	1.40	1.12	84
OHIO	36 1000001 A01 CANTON	72	27	4		190	167	1.71	1.37	103
OHIO	36 1000001 H02 CANTON	72	45	3		161	152			
OHIO	36 1000002 H01 CANTON	72	39			137	136			
OHIO	36 1000003 H02 CANTON	72	38	1		160	138			
OHIO	36 1000004 H02 CANTON	72	39	2		156	154			
OHIO	36 1000005 H02 CANTON	72	42	2	1	793	182			
OHIO	36 1000006 H02 CANTON	72	43	3	1	600	189			
OHIO	36 1000008 H01 CANTON	72	44			148	127			
OHIO	36 1000014 H02 CANTON	72	14	1		194	144			
OHIO	36 1300001 A01 CLEVELAND	72	23	5		186	183			
OHIO	36 1300001 H01 CLEVELAND	72	103	5		181	174	1.35	1.09	81
OHIO	36 1300002 H01 CLEVELAND	72	91	6	1	297	212	1.48	1.18	89
OHIO	36 1300003 H01 CLEVELAND	72	85	5	1	287	172	1.41	1.13	85
OHIO	36 1300005 H01 CLEVELAND	72	109	9		248	194	1.53	1.22	92
OHIO	36 1300006 H01 CLEVELAND	72	92	9	4	349	341	1.21	.97	73
OHIO	36 1300007 H01 CLEVELAND	72	77	6		199	197	1.20	.96	72
OHIO	36 1300008 H01 CLEVELAND	72	98	75	27	9,811	528	3.35	2.68	201
OHIO	36 1300009 H01 CLEVELAND	72	115	16	1	309	238	1.53	1.22	92
OHIO	36 1300010 H01 CLEVELAND	72	109	8	1	412	252	1.21	.97	73
OHIO	36 1300011 H01 CLEVELAND	72	99	7		177	176	1.30	1.04	78
OHIO	36 1300012 H01 CLEVELAND	72	89	34	6	412	331	2.10	1.68	126
OHIO	36 1300013 H01 CLEVELAND	72	93	51	21	407	353	2.80	2.24	168
OHIO	36 1300015 H01 CLEVELAND	72	94	8	1	270	198	1.43	1.14	86
OHIO	36 1300017 H01 CLEVELAND	72	99	29		243	241	1.88	1.50	113
OHIO	36 1300020 H01 CLEVELAND	72	58	4	1	271	183			
OHIO	36 1300021 H01 CLEVELAND	72	71	5		234	229	1.26	1.01	76
OHIO	36 1300024 H01 CLEVELAND	72	30	1		212	123			
OHIO	36 1300026 H01 CLEVELAND	72	93	55	12	392	392	2.60	2.09	156
OHIO	36 1300027 H01 CLEVELAND	72	62	19	3	279	276			
OHIO	36 1300029 H01 CLEVELAND	72	66	4		177	177	1.13	.90	69
OHIO	36 1300029 H01 CLEVELAND	72	85	38	13	403	387	2.21	1.77	133
OHIO	36 3200001 H01 KENT	72	29			113	108			
OHIO	36 4040001 H02 MASSILLON	72	61			134	131	1.21	.97	73
OHIO	36 4140001 H01 MEDINA	72	29			120	103			
OHIO	36 5680001 H01 RAVENNA	72	29			114	110			
OHIO	36 6400001 H03 STARK COUNTY	72	45			99	97			
OHIO	36 6400002 H03 STARK COUNTY	72	40			143	135			
OHIO	36 6400003 H03 STARK COUNTY	72	56			135	119	.96	.77	58
OHIO	36 6400004 H03 STARK COUNTY	72	55	1		170	135	1.01	.81	61
OHIO	36 6400005 H03 STARK COUNTY	72	56	2		257	162	1.00	.80	60
OHIO	36 6500001 H03 SUMMIT COUNTY	72	58			118	114	1.05	.84	63
OHIO	36 6500002 H03 SUMMIT COUNTY	72	44			126	125			
OHIO	36 6540001 H01 TALLMADGE	72	19	1		158	126			
OHIO	36 6740001 H01 TWINSBURG	72	25			129	120			
OHIO	36 6980001 H01 WADSWORTH	72	21	2		162	151			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
175 MANSFIELD-MARION (OHIO)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
OHIO	36 3840001 F01 MANSFIELD	72	61	21	1	288	246	1.90	1.52	114
OHIO	36 7160001 H03 WAYNE COUNTY	72	60			133	108	.90	.72	54
176 METROPOLITAN COLUMBUS (OHIO)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
OHIO	36 1460001 A01 COLUMBUS	72	30			135	129	1.30	1.04	78
OHIO	36 1460001 H01 COLUMBUS	72	59	1		152	143	1.33	1.06	80
178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
OHIO	36 7760001 A01 YOUNGSTOWN	72	30	6	1	268	204	1.83	1.46	110
PENNSYLVANIA	39 1760001 A03 CLARION COUNTY	72	30			89	79	.60	.48	36
PENNSYLVANIA	39 3060002 A01 ERIE	72	27	5		234	228	1.61	1.29	97
PENNSYLVANIA	39 3060601 F01 ERIE	72	38			115	115	.98	.78	59
PENNSYLVANIA	39 3060602 F01 ERIE	72	50	11		249	231	1.73	1.38	104
PENNSYLVANIA	39 3060603 F01 ERIE	72	50	6		197	188	1.50	1.20	90
PENNSYLVANIA	39 3060604 F02 ERIE	72	52	11	1	432	258	1.63	1.30	98
PENNSYLVANIA	39 3080605 F03 ERIE COUNTY	72	55			135	124	.95	.76	57
PENNSYLVANIA	39 4840502 F02 LAWRENCE COUNTY	72	58	46	25	799	775	3.96	3.17	238
PENNSYLVANIA	39 6440501 F01 NEW CASTLE	72	55	32	2	412	294	2.55	2.04	153
179 PARKERSBURG-MARIETTA (OHIO-W.VA.)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
WEST VIRGINIA	50 1420003 F01 PARKERSBURG	72	46	2		160	154	1.21	.97	73
WEST VIRGINIA	50 1920001 F02 VIENNA	72	46			128	116	.91	.73	55
181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA)			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
OHIO	36 6420001 A01 STEUBENVILLE	72	22	17	12	921	528			
WEST VIRGINIA	50 0080001 F01 BENWOOD	72	36	9		205	201	1.90	1.52	114
WEST VIRGINIA	50 0500004 F02 FOLLANSBEE	72	36	16	2	279	275	2.19	1.74	131
WEST VIRGINIA	50 0620003 F02 HANCOCK COUNTY	72	38	5		219	217	1.50	1.20	90
WEST VIRGINIA	50 0620004 F02 HANCOCK COUNTY	72	10			99	70			
WEST VIRGINIA	50 0620005 F02 HANCOCK COUNTY	72	26	6	1	271	215			
WEST VIRGINIA	50 1240001 F02 MOUNDSVILLE	72	27	4		199	193			
WEST VIRGINIA	50 2000002 F02 WEIRTON	72	38	19	4	307	295	2.30	1.84	138
WEST VIRGINIA	50 2040002 F01 WELLSBURG	72	31	11	1	280	252			
WEST VIRGINIA	50 2120001 H01 WHEELING	72	25	5		167	161			
184 CENTRAL OKLAHOMA			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
OKLAHOMA	37 0260014 F01 BETHANY	72	81	2		201	189			
OKLAHOMA	37 0440080 F01 CHANDLER	72	54			140	120	.88	.70	53
OKLAHOMA	37 0500060 F01 CHICKASHA	72	49	2		249	179			
OKLAHOMA	37 0940016 F01 EDMOND	72	66	1		161	146			
OKLAHOMA	37 1000100 F01 EL RENO	72	52	1		166	138	.58	.46	35
OKLAHOMA	37 1100063 F01 GRADY COUNTY	72	66			141	122	.61	.49	37
OKLAHOMA	37 1160090 F01 GUTHRIE	72	74	1		235	134	.95	.76	57
OKLAHOMA	37 1520030 F01 KINGFISHER	72	55	3		207	165			
OKLAHOMA	37 1520032 F01 KINGFISHER	72	22			122	111			
OKLAHOMA	37 1940006 F01 MIDWEST CITY	72	62	1		218	148			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

Reproduced from best available copy.

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
OKLAHOMA	37 1940010 F01	MIDWEST CITY	72	64	2		215	151			
OKLAHOMA	37 1950044 F01	MOORE	72	56			130	119	.86	.69	52
OKLAHOMA	37 2080040 F01	NORMAN	72	107			105	94	.63	.50	38
OKLAHOMA	37 2190005 F01	OKLAHOMA COUNTY	72	53			109	90			
OKLAHOMA	37 2200001 F01	OKLAHOMA CITY	72	49	4		248	211			
OKLAHOMA	37 2200002 F01	OKLAHOMA CITY	72	46			145	139			
OKLAHOMA	37 2200012 F01	OKLAHOMA CITY	72	65	12	1	493	247			
OKLAHOMA	37 2200015 F01	OKLAHOMA CITY	72	74	3		199	191			
OKLAHOMA	37 2200017 F01	OKLAHOMA CITY	72	69	12	2	337	274			
OKLAHOMA	37 2200018 F01	OKLAHOMA CITY	72	59	10		250	214			
OKLAHOMA	37 2200019 F01	OKLAHOMA CITY	72	71	3		179	173			
OKLAHOMA	37 2200020 F01	OKLAHOMA CITY	72	71	1		218	140			
OKLAHOMA	37 2200021 F01	OKLAHOMA CITY	72	76	3	1	343	189			
OKLAHOMA	37 2200022 F01	OKLAHOMA CITY	72	44	27	6	487	329			
OKLAHOMA	37 2200029 A01	OKLAHOMA CITY	72	28	1		194	147	1.11	.89	67
OKLAHOMA	37 2560072 F01	PURCELL	72	52			125	120			
OKLAHOMA	37 2780052 F01	SHAWNEE	72	71			110	96	.68	.54	41
OKLAHOMA	37 3320013 F01	YUKON	72	9			122	90			
185 NORTH CENTRAL OKLAHOMA				** PRIORITY 3 -				AS OF OCTOBER 06, 1973			
OKLAHOMA	37 0280598 F01	BLACKWELL	72	15			135	121			
OKLAHOMA	37 0280599 F01	BLACKWELL	72	5			102	89			
OKLAHOMA	37 1020550 F01	ENID	72	44	2		203	163	.91	.73	55
OKLAHOMA	37 2840610 F01	STILLWATER	72	49			143	104			
136 NORTHEASTERN OKLAHOMA				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
OKLAHOMA	37 0200215 F01	BARTLESVILLE	72	46	1		178	140			
OKLAHOMA	37 0560190 F01	CLAREMORE	72	80	2	1	313	152	1.16	.93	70
OKLAHOMA	37 0800500 F01	DELAWARE COUNTY	72	94	5	1	271	259	1.11	.89	67
OKLAHOMA	37 0840219 F01	DEWEY	72	31			73	64			
OKLAHOMA	37 1920524 F01	MIAMI	72	85	1		243	109	.90	.72	54
OKLAHOMA	37 1980162 F01	MUSKOGEE	72	101			110	107	.93	.66	50
OKLAHOMA	37 1980163 F01	MUSKOGEE	72	91	1		177	144	.98	.78	59
OKLAHOMA	37 2220150 F01	OKMULGEE	72	19			104	90			
OKLAHOMA	37 2220151 F01	OKMULGEE	72	76	1		175	117			
OKLAHOMA	37 2260229 F01	OSAGE COUNTY	72	16	1		198	107			
OKLAHOMA	37 2280525 F01	OTTAWA COUNTY	72	19			93	89			
OKLAHOMA	37 2320220 F01	PAWHUSKA	72	68	3	2	370	353	.88	.70	53
OKLAHOMA	37 2540180 F01	PRYOR	72	110	2		209	176	1.13	.90	68
OKLAHOMA	37 2540181 F01	PRYOR	72	100	4		199	184	1.06	.85	64
OKLAHOMA	37 2620194 F01	ROGERS COUNTY	72	94			89	74	.53	.42	32
OKLAHOMA	37 2680142 F01	SAPULPA	72	23			95	95			
OKLAHOMA	37 3000001 A01	TULSA	72	25			90	88			
OKLAHOMA	37 3000110 F01	TULSA	72	78	2		170	158	1.11	.89	67
OKLAHOMA	37 3000111 F01	TULSA	72	96	42	5	780	307			
OKLAHOMA	37 3000112 F01	TULSA	72	111	3		212	174	1.18	.94	71
OKLAHOMA	37 3000116 F01	TULSA	72	96	10	1	378	258			
OKLAHOMA	37 3000120 F01	TULSA	72	117	7		260	254	1.38	1.10	83
OKLAHOMA	37 3000125 F01	TULSA	72	95	2		250	200	.95	.76	57

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	A N N U A L RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
OKLAHOMA	37 3020133 F01 TULSA COUNTY	72	75	1		154	126			
OKLAHOMA	37 3040510 F01 VINITA	72	75	1		154	138			
187 NORTHWESTERN OKLAHOMA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
OKLAHOMA	37 0100870 F01 ALVA	72	22	2		254	173			
OKLAHOMA	37 0620850 F01 CLINTON	72	26			135	102			
OKLAHOMA	37 1180920 F01 GUYMON	72	47	3		257	188			
OKLAHOMA	37 3200855 F01 WEATHERFORD	72	9			116	90			
OKLAHOMA	37 3260800 F01 WOODWARD	72	50	5	1	329	212	.93	.78	59
188 SOUTHEASTERN OKLAHOMA			** PRIORITY 3					AS OF OCTOBER 06, 1973		
OKLAHOMA	37 0020243 F01 ADA	72	21	1		158	123			
OKLAHOMA	37 0140232 F01 ARDMORE	72	22			143	119			
OKLAHOMA	37 0160371 F01 ATOKA	72	10			94	92			
OKLAHOMA	37 0920381 F01 DURANT	72	60	1		154	145	1.10	.88	65
OKLAHOMA	37 1400390 F01 HUGO	72	19			127	109			
OKLAHOMA	37 1720410 F01 MCALESTER	72	63			112	99	.93	.74	56
OKLAHOMA	37 1780420 F01 MCINTOSH COUNTY	72	51	1		166	69	.55	.44	33
OKLAHOMA	37 2300277 F01 PAULS VALLEY	72	31			135	103			
OKLAHOMA	37 2420414 F01 PITTSBURG COUNTY	72	44			139	101			
OKLAHOMA	37 2720330 F01 SEMINOLE	72	7	1		223	72			
OKLAHOMA	37 2860280 F01 SULPHUR	72	32			118	114			
189 SOUTHWESTERN OKLAHOMA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
OKLAHOMA	37 0080751 F01 ALTUS	72	6			90	60			
OKLAHOMA	37 0120690 F01 ANADARKO	72	38	1		158	91			
OKLAHOMA	37 0120691 F01 ANADARKO	72	7			68	64			
OKLAHOMA	37 0900661 F01 DUNCAN	72	44	3	2	363	281			
OKLAHOMA	37 1040700 F01 FREDERICK	72	39	3		199	170	1.08	.96	65
OKLAHOMA	37 1300710 F01 HOBART	72	44	2	1	443	215			
OKLAHOMA	37 1340766 F01 HOLLIS	72	45	5	4	403	401	1.58	1.26	95
OKLAHOMA	37 1600640 F01 LAWTON	72	71	5	1	356	204	1.25	1.00	75
OKLAHOMA	37 1600646 F01 LAWTON	72	50	1		252	138	1.11	.89	67
OKLAHOMA	37 1600650 F01 LAWTON	72	57			117	78	.53	.42	32
OKLAHOMA	37 1840740 F01 MANGUM	72	23	3	2	317	317			
OKLAHOMA	37 2700732 F01 SAYRE	72	20	4	1	274	206			
190 CENTRAL OREGON			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
OREGON	38 0180001 F01 BEND	72	41	1		192	137			
OREGON	38 0480001 F01 THE DALLES	72	45	2		168	163			
OREGON	38 0940001 F01 KLAMATH FALLS	72	46	2		241	168			
OREGON	38 0940002 F03 KLAMATH FALLS	72	45			89	80			
191 EASTERN OREGON			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
OREGON	38 0100001 F01 BAKER	72	31			134	117			
OREGON	38 1420001 F01 PENDLETON	72	32	2	1	307	209			
OREGON	38 1780001 F03 UMATILLA COUNTY	72	35	1	1	405	109			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
192 NORTHWEST OREGON		** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
OREGON 38 0080001 F01 ASTORIA	72	43			104	102			
193 PORTLAND (ORE-WASH)		** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
OREGON 38 0020002 I01 ALBANY	72	44			106	92			
OREGON 38 0160002 I01 BEAVERTON	72	46			93	81			
OREGON 38 0260002 I01 CLACKAMAS COUNTY	72	22			134	114			
OREGON 38 0260003 I01 CLACKAMAS COUNTY	72	31			139	109			
OREGON 38 0300005 T02 COLUMBIA COUNTY	72	40			120	97			
OREGON 38 0380001 I01 CORVALLIS	72	44			83	77			
OREGON 38 0400001 I01 COTTAGE GROVE	72	46			109	89			
OREGON 38 0460002 I01 DALLAS	72	41			98	73			
OREGON 38 0560003 I01 EUGENE	72	46	14	3	317	279			
OREGON 38 0560004 I03 EUGENE	72	70			134	121			
OREGON 38 0560006 I01 EUGENE	72	83	4		214	191			
OREGON 38 0780002 I03 HILLSBORO	72	43	1		209	138			
OREGON 38 0990001 T01 LAKE OSWEGO	72	34	5		229	193			
OREGON 38 1020003 I01 LANE COUNTY	72	44	2		184	183			
OREGON 38 1040001 I01 LEBANON	72	37	2		187	152			
OREGON 38 1100002 I01 MCMINNVILLE	72	40			64	55			
OREGON 38 1200001 I01 MILWAUKIE	72	39			105	95			
OREGON 38 1240002 I03 MULTNOMAH COUTNY	72	45			75	73			
OREGON 38 1350001 I01 OAKRIDGE	72	45	4	1	283	205			
OREGON 38 1380002 I02 OREGON CITY	72	44	1		155	113			
OREGON 38 1460001 A01 PORTLAND	72	29	4		255	215	1.43	1.14	86
OREGON 38 1460003 I01 PORTLAND	72	46			121	120			
OREGON 38 1460011 I02 PORTLAND	72	45	3		174	159			
OREGON 38 1460015 I02 PORTLAND	72	45	4		187	161			
OREGON 38 1460022 I01 PORTLAND	72	30			77	72			
OREGON 38 1460023 I02 PORTLAND	72	46	2		179	156			
OREGON 38 1460027 I02 PORTLAND	72	44			146	114			
OREGON 38 1460036 I02 PORTLAND	72	46			133	129			
OREGON 38 1460068 I02 PORTLAND	72	46			126	106			
OREGON 38 1560003 I02 ST. HELENS	72	25			77	72			
OREGON 38 1590004 I01 SALEM	72	20			96	95			
OREGON 38 1680008 I02 SPRINGFIELD	72	44	11		238	222			
OREGON 38 1680009 I01 SPRINGFIELD	72	49	11		242	218			
OREGON 38 1920004 I01 WOODBURN	72	42			90	86			
WASHINGTON 49 0260001 I01 CENTRALIA	72	67			89	77			
WASHINGTON 49 0920001 I01 KELSO	72	91			92	90	.60	.48	36
WASHINGTON 49 1140002 I01 LONGVIEW	72	92	2		200	186	1.01	.81	61
WASHINGTON 49 1140004 F01 LONGVIEW	72	91	5		246	222	1.11	.89	67
WASHINGTON 49 1780001 F01 RICHLAND	72	94	4	1	405	220	.75	.60	45
WASHINGTON 49 2220002 I01 VANCOUVER	72	89	1		164	145	1.06	.85	64
WASHINGTON 49 2220006 I01 VANCOUVER	72	61			116	109			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	ANNUAL GEOM. MEAN UG/CU.M.
194 SOUTHWEST OREGON				** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
OREGON	38 0060001 F01	ASHLAND	72	44			98	90			
OREGON	38 0340001 F01	COOS BAY	72	41			101	89			
OREGON	38 0440001 A03	CURRY COUNTY	72	22	1		175	104	.66	.53	40
OREGON	38 0680001 F01	GRANTS PASS	72	38			141	132			
OREGON	38 1160001 F01	MEDFORD	72	45	4		207	187			
OREGON	38 1540001 F01	ROSEBURG	72	44	1		162	148			
195 CENTRAL PENNSYLVANIA				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
PENNSYLVANIA	39 0140001 A01	ALTOONA	72	31	7		191	188	1.73	1.38	104
PENNSYLVANIA	39 0780002 A01	BETHLEHEM	72	28	1		151	130	1.23	.98	74
PENNSYLVANIA	39 2220806 F01	DALE	72	59	7		197	189	1.50	1.20	90
PENNSYLVANIA	39 2620804 F01	EAST CONEMAUGH	72	59	27	3	320	275	2.36	1.89	142
PENNSYLVANIA	39 4460802 F02	JOHNSTOWN	72	61	4		225	203	1.40	1.12	84
PENNSYLVANIA	39 4460803 F01	JOHNSTOWN	72	60	7	1	462	182	1.71	1.37	103
PENNSYLVANIA	39 4460805 F01	JOHNSTOWN	72	59	1		155	132	1.08	.86	65
PENNSYLVANIA	39 9320801 F03	WESTMONT	72	55			129	88	.63	.50	39
196 SOUTH CENTRAL PENNSYLVANIA				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
PENNSYLVANIA	39 2180307 F03	CUMBERLAND COUNTY	72	51			106	103	.80	.64	48
PENNSYLVANIA	39 2340302 F01	DAUPHIN COUNTY	72	59	1	1	420	139	.98	.78	59
PENNSYLVANIA	39 3880001 A01	HARRISBURG	72	28			142	129	1.28	1.02	77
PENNSYLVANIA	39 3880305 F01	HARRISBURG	72	28			132	115			
PENNSYLVANIA	39 3880306 F01	HARRISBURG	72	56	2		170	166	1.28	1.02	77
PENNSYLVANIA	39 4660002 A01	LANCASTER	72	24	1		161	136			
PENNSYLVANIA	39 4660312 F01	LANCASTER	72	53	2	1	271	163	1.33	1.06	80
PENNSYLVANIA	39 4660314 F02	LANCASTER	72	53	3	1	380	216	1.45	1.16	87
PENNSYLVANIA	39 4660315 F01	LANCASTER	72	54	11	3	478	370	1.80	1.44	109
PENNSYLVANIA	39 4700311 F01	LANCASTER COUNTY	72	50	2		166	163	.95	.76	57
PENNSYLVANIA	39 4700313 F01	LANCASTER COUNTY	72	55	5	2	472	271	1.38	1.10	83
PENNSYLVANIA	39 4700316 F01	LANCASTER COUNTY	72	52	1		158	111	.96	.77	58
PENNSYLVANIA	39 4700317 F01	LANCASTER COUNTY	72	49	2		154	153	1.05	.84	63
PENNSYLVANIA	39 4980304 F01	LEMOYNE	72	58			146	136	1.23	.99	74
PENNSYLVANIA	39 5700301 F02	MIDDLETOWN	72	48	2	1	553	170	1.45	1.16	87
PENNSYLVANIA	39 8640303 F02	STEELTON	72	52	9	1	262	216	1.60	1.28	96
PENNSYLVANIA	39 9400321 F01	WEST YORK	72	60	10		211	203	1.41	1.13	85
PENNSYLVANIA	39 9400325 F02	WEST YORK	72	57	21	10	439	436	2.26	1.81	136
PENNSYLVANIA	39 9560001 A01	YORK	72	30	1		154	144	1.41	1.13	85
PENNSYLVANIA	39 9570323 F01	YORK COUNTY	72	58	3		156	155	1.11	.89	67
PENNSYLVANIA	39 9570324 F03	YORK COUNTY	72	59	1	1	343	120	.88	.70	53
PENNSYLVANIA	39 9570326 F01	YORK COUNTY	72	57	2	1	433	256	1.20	.96	72
197 SOUTHWEST PENNSYLVANIA				** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
PENNSYLVANIA	39 0180507 F01	AMBRIDGE	72	59	10		206	182	1.73	1.39	104
PENNSYLVANIA	39 0440508 F01	BADEN	72	58	28	5	393	359	2.43	1.94	146
PENNSYLVANIA	39 0560503 F01	BEAVER COUNTY	72	50	9	4	567	426	1.86	1.49	112
PENNSYLVANIA	39 0560505 F01	BEAVER COUNTY	72	55	8		222	209	1.61	1.29	97

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
PENNSYLVANIA 39 0560510 F03 BEAVER COUNTY	72	52	2		172	152	1.31	1.05	79
PENNSYLVANIA 39 0580504 F01 BEAVER FALLS	72	58	2		166	163	1.36	1.09	82
PENNSYLVANIA 39 4240001 A05 INDIANA COUNTY	72	10			73	64			
PENNSYLVANIA 39 4240002 A05 INDIANA COUNTY	72	26			114	97	.71	.57	43
PENNSYLVANIA 39 5740509 F02 MIDLAND	72	60	42	17	484	419	3.18	2.54	191
PENNSYLVANIA 39 7260001 A01 PITTSBURGH	72	28	13		259	235	2.25	1.83	135
PENNSYLVANIA 39 7800506 F01 ROCHESTER	72	60	11	1	549	214	1.75	1.40	105
PENNSYLVANIA 39 9200511 F02 WASHINGTON COUNTY	72	59	35	14	677	657	2.91	2.33	175
PENNSYLVANIA 39 9200514 F01 WASHINGTON COUNTY	72	60	2		181	158	1.16	.93	70
PENNSYLVANIA 39 9200515 F01 WASHINGTON COUNTY	72	58	9		253	185	1.51	1.21	91
PENNSYLVANIA 39 9330516 F01 WESTMORELAND COUNTY	72	48	5	1	309	216	1.35	1.08	81
198 CAMDEN-SUMPTER (S.C.)		** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
SOUTH CAROLINA 42 0440001 F01 BISHOPVILLE	72	42	1		176	129			
SOUTH CAROLINA 42 0500001 F01 CAMDEN	72	60			112	112	.88	.70	53
SOUTH CAROLINA 42 2120001 F01 SUMTER	72	54	1		157	103	.85	.63	51
SOUTH CAROLINA 42 2120002 F01 SUMTER	72	54	1	1	471	120	.83	.66	50
199 CHARLESTON (S.C.)		** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
SOUTH CAROLINA 42 0420001 F01 BERKLEY COUNTY	72	11			52	44			
SOUTH CAROLINA 42 0540002 G01 CHARLESTON	72	53			145	122	.78	.62	47
SOUTH CAROLINA 42 0560001 G01 CHARLESTON COUNTY	72	84	33	8	610	393	2.28	1.82	137
SOUTH CAROLINA 42 0560001 G05 CHARLESTON COUNTY	72	41	18	9	702	627			
SOUTH CAROLINA 42 0560002 G01 CHARLESTON COUNTY	72	59	17	8	512	407	1.85	1.48	111
SOUTH CAROLINA 42 0560013 F05 CHARLESTON COUNTY	72	49			105	98			
SOUTH CAROLINA 42 0560019 F05 CHARLESTON COUNTY	72	54	7	1	431	246			
SOUTH CAROLINA 42 0560024 G01 CHARLESTON COUNTY	72	56	8	1	453	255	1.01	.81	61
SOUTH CAROLINA 42 0560031 F05 CHARLESTON COUNTY	72	46	10		249	220			
SOUTH CAROLINA 42 0560034 F05 CHARLESTON COUNTY	72	56	10	2	356	277			
SOUTH CAROLINA 42 0560035 F05 CHARLESTON COUNTY	72	43	2		210	159			
SOUTH CAROLINA 42 0900001 F01 DORCHESTER COUNTY	72	11	1	1	340	103			
SOUTH CAROLINA 42 1700001 G01 MT. PLEASANT	72	55	1		164	130	.66	.53	40
200 COLUMBIA (S.C.)		** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
SOUTH CAROLINA 42 0520001 H01 CAYCE	72	23	4		245	193			
SOUTH CAROLINA 42 0760001 A01 COLUMBIA	72	26	1		157	117	1.05	.84	63
SOUTH CAROLINA 42 0760003 H01 COLUMBIA	72	57	3	1	279	219	1.03	.82	62
SOUTH CAROLINA 42 0760004 H01 COLUMBIA	72	50	1		224	130	1.00	.80	60
SOUTH CAROLINA 42 0760005 H01 COLUMBIA	72	57			119	117	.75	.60	45
SOUTH CAROLINA 42 0760006 F01 COLUMBIA	72	61			127	107	.86	.69	52
SOUTH CAROLINA 42 0760011 H01 COLUMBIA	72	58			145	141	.76	.61	46
SOUTH CAROLINA 42 1760001 F01 NEWBERRY	72	19			61	55			
SOUTH CAROLINA 42 1900002 A03 RICHLAND COUNTY	72	28			101	86	.58	.46	35
SOUTH CAROLINA 42 1900002 F01 RICHLAND COUNTY	72	60			113	104	.63	.50	38
SOUTH CAROLINA 42 1900003 F01 RICHLAND COUNTY	72	127	5		210	169	1.18	.94	71
SOUTH CAROLINA 42 2260001 F01 WEST COLUMBIA	72	61			134	113	1.00	.80	60
201 FLORENCE (S.C.)		** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
SOUTH CAROLINA 42 0800001 F01 DARLINGTON	72	39	3		179	171			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
SOUTH CAROLINA 42 0860001 F01 DILLON	72	45			134	121			
SOUTH CAROLINA 42 1020001 F01 FLORENCE	72	40			111	110			
202 GREENVILLE-SPARTANBURG (S.C.)		** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
SOUTH CAROLINA 42 0180001 F01 ANDERSON	72	50			123	109	.80	.64	49
SOUTH CAROLINA 42 1100001 F01 GAFFNEY	72	51	4		236	163	1.11	.89	67
SOUTH CAROLINA 42 1180001 A01 GREENVILLE	72	28			135	125	1.11	.89	67
SOUTH CAROLINA 42 1180001 G01 GREENVILLE	72	60			107	90	.89	.70	53
SOUTH CAROLINA 42 1180002 G01 GREENVILLE	72	61	4	1	312	180	1.28	1.02	77
SOUTH CAROLINA 42 1180003 G01 GREENVILLE	72	61			115	100	.76	.61	46
SOUTH CAROLINA 42 1200001 G01 GREENVILLE COUNTY	72	61	1		151	70	.61	.49	37
SOUTH CAROLINA 42 1200002 G01 GREENVILLE COUNTY	72	61			128	127	.98	.78	59
SOUTH CAROLINA 42 1200003 G01 GREENVILLE COUNTY	72	61			90	72	.50	.40	30
SOUTH CAROLINA 42 1260001 G01 GREER	72	62	1		176	116	.83	.66	50
SOUTH CAROLINA 42 1875001 F01 PICKENS	72	42			148	97			
SOUTH CAROLINA 42 2010001 G01 SIMPSONVILLE	72	61	1		209	105	.86	.69	52
SOUTH CAROLINA 42 2040001 G01 SPARTANBURG	72	59	1		161	128	1.08	.86	65
SOUTH CAROLINA 42 2040003 G01 SPARTANBURG	72	46	1		182	117	.90	.72	54
SOUTH CAROLINA 42 2040004 G01 SPARTANBURG	72	47	2	1	270	183			
203 GREENWOOD (S.C.)		** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
SOUTH CAROLINA 42 1220001 F01 GREENWOOD	72	59			93	88	.65	.52	39
SOUTH CAROLINA 42 1500001 F01 LAURENS	72	47			100	95			
204 GEORGETOWN (S.C.)		** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
SOUTH CAROLINA 42 0780006 F01 CONWAY	72	56			86	67	.66	.53	40
SOUTH CAROLINA 42 1120001 F01 GEORGETOWN	72	70	1		183	143	1.03	.82	62
SOUTH CAROLINA 42 1120001 F05 GEORGETOWN	72	38	1		193	118			
SOUTH CAROLINA 42 1120002 F01 GEORGETOWN	72	73	12	2	358	263	1.41	1.13	85
SOUTH CAROLINA 42 1120002 F05 GEORGETOWN	72	44	6		226	201			
SOUTH CAROLINA 42 1120003 F05 GEORGETOWN	72	36	2		238	152			
SOUTH CAROLINA 42 1120005 F05 GEORGETOWN	72	41			148	148			
SOUTH CAROLINA 42 1120006 F05 GEORGETOWN	72	40	12		259	254			
205 BLACKHILLS-RAPID CITY (S. DAK)		** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
SOUTH DAKOTA 43 0110001 A03 BLACK HILLS NAT FOREST	72	29			66	29	.26	.21	16
207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA.		** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
TENNESSEE 44 0020001 F01 ALCOA	72	46	2		220	177			
TENNESSEE 44 0060001 F01 ATHENS	72	46	4		172	156			
TENNESSEE 44 0240002 F01 BRISTOL	72	45	13		226	205			
TENNESSEE 44 0240003 F01 BRISTOL	72	45	7		218	207			
TENNESSEE 44 0500001 F01 CLEVELAND	72	46	2		179	156			
TENNESSEE 44 0500002 F01 CLEVELAND	72	46	1		154	128			
TENNESSEE 44 0520002 F01 CLINTON	72	46	4		218	189			
TENNESSEE 44 0920001 F01 ELIZABETHTON	72	46	3		173	163			
TENNESSEE 44 1220001 F01 GREENEVILLE	72	46	3		178	164			
TENNESSEE 44 1220002 F01 GREENEVILLE	72	39	2		177	165			
TENNESSEE 44 1360002 F01 HARRIMAN	72	46			140	131			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
TENNESSEE	44 1690001 F01	JOHNSON CITY	72	45	2		207	190			
TENNESSEE	44 1690002 F01	JOHNSON CITY	72	44	4		203	178			
TENNESSEE	44 1700001 F01	KINGSPORT	72	45	4		136	163			
TENNESSEE	44 1700002 F01	KINGSPORT	72	45	19	3	299	268			
TENNESSEE	44 1720012 G01	KNOX COUNTY	72	29			93	90			
TENNESSEE	44 1720013 G01	KNOX COUNTY	72	30			75	75			
TENNESSEE	44 1720014 G03	KNOX COUNTY	72	20			120	101			
TENNESSEE	44 1740002 A01	KNOXVILLE	72	27	1		173	136	1.35	1.08	81
TENNESSEE	44 1740003 G01	KNOXVILLE	72	60	6		187	182	1.46	1.17	93
TENNESSEE	44 1740004 G01	KNOXVILLE	72	60	6		235	227	1.43	1.14	86
TENNESSEE	44 1740005 G01	KNOXVILLE	72	61	9	1	332	237	1.28	1.02	77
TENNESSEE	44 1740006 G01	KNOXVILLE	72	61	1		164	146	.96	.77	59
TENNESSEE	44 1740007 G01	KNOXVILLE	72	58	2		193	161	1.23	.99	74
TENNESSEE	44 1740008 G01	KNOXVILLE	72	62	9	2	336	265	1.65	1.32	99
TENNESSEE	44 1760001 F01	LAFOLLETTE	72	46	11	5	278	271			
TENNESSEE	44 2280001 F01	MARYVILLE	72	46			145	110			
TENNESSEE	44 2480001 F01	MORRISTOWN	72	45	13	3	329	314			
TENNESSEE	44 2480002 F01	MORRISTOWN	72	46	5		196	191			
TENNESSEE	44 2620002 F01	OAK RIDGE	72	46			111	103			
TENNESSEE	44 2920002 F01	ROCKWOOD	72	46	11	1	272	231			
VIRGINIA	48 0480003 F01	BRISTOL	72	118	1	1	439	134	.95	.76	57
VIRGINIA	48 0480004 F01	BRISTOL	72	115	14	4	475	343	1.21	.97	73
VIRGINIA	48 1290006 F02	GALAX	72	112	28	2	318	284	1.69	1.34	101
VIRGINIA	48 1920001 F01	MARION	72	115	2		233	165	.88	.70	53
VIRGINIA	48 2640001 F02	RICHLANDS	72	51			106	101			
VIRGINIA	48 2780001 F02	RUSSELL COUNTY	72	28			86	76			
VIRGINIA	48 2820005 F02	SALTVILLE	72	95	19	1	284	230			
VIRGINIA	48 2820006 F02	SALTVILLE	72	70			141	121			
VIRGINIA	48 3160002 F01	TAZEWELL COUNTY	72	114			142	129	.90	.72	54
VIRGINIA	48 3420002 F02	WISE COUNTY	72	119	12	1	305	246	1.25	1.00	75
VIRGINIA	48 3440001 A03	WYTHE COUNTY	72	29			46	46	.48	.38	29
208 MIDDLE TENNESSEE				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
TENNESSEE	44 0460001 F01	CLARKSVILLE	72	45			89	85			
TENNESSEE	44 0460002 F01	CLARKSVILLE	72	44			128	127			
TENNESSEE	44 0580001 F01	COLUMBIA	72	43			145	121			
TENNESSEE	44 0580002 F01	COLUMBIA	72	45	3		166	154			
TENNESSEE	44 1000001 F01	FAYETTEVILLE	72	46			104	102			
TENNESSEE	44 1060001 F01	FRANKLIN	72	45			96	94			
TENNESSEE	44 1100002 F01	GALLATIN	72	44			99	88			
TENNESSEE	44 1840001 F01	LAWRENCEBURG	72	46	1	1	268	141			
TENNESSEE	44 1860001 F01	LEBANON	72	46	1		216	111			
TENNESSEE	44 2520001 F01	MURFREESBORO	72	46			101	90			
TENNESSEE	44 2520002 F01	MURFREESBORO	72	46	1		158	135			
TENNESSEE	44 2540001 A01	NASHVILLE	72	26	5		249	190	1.76	1.41	106
TENNESSEE	44 2540002 G01	NASHVILLE	72	40	7	1	262	201			
TENNESSEE	44 2540003 G01	NASHVILLE	72	36	1	1	292	138	1.25	1.00	75

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
TENNESSEE	44 2540004 G01 NASHVILLE	72	50	8		259	216	2.00	1.60	120
TENNESSEE	44 2540005 G01 NASHVILLE	72	53	5		162	161	1.58	1.26	95
TENNESSEE	44 2540006 G01 NASHVILLE	72	53	17		258	254	2.06	1.65	124
TENNESSEE	44 2540007 G01 NASHVILLE	72	37	16	1	311	229			
TENNESSEE	44 2540009 G01 NASHVILLE	72	39			114	106			
TENNESSEE	44 2540010 G01 NASHVILLE	72	46	2		253	163			
TENNESSEE	44 2540011 G01 NASHVILLE	72	68	2		165	152	1.33	1.06	80
TENNESSEE	44 2540012 G01 NASHVILLE	72	50	5		192	190	1.45	1.16	87
TENNESSEE	44 2540014 G01 NASHVILLE	72	42	11		247	228			
TENNESSEE	44 2540015 G01 NASHVILLE	72	49	2	1	334	182	1.10	.89	66
TENNESSEE	44 2540016 G01 NASHVILLE	72	50	2		176	157	1.18	.94	71
TENNESSEE	44 2540017 G01 NASHVILLE	72	30	1		159	141			
TENNESSEE	44 2540018 G01 NASHVILLE	72	47			114	106	.78	.62	47
TENNESSEE	44 2540019 G01 NASHVILLE	72	36			128	83			
TENNESSEE	44 2540020 G01 NASHVILLE	72	53			102	90	.73	.58	44
TENNESSEE	44 3170001 F01 SHELBYVILLE	72	46			112	104			
TENNESSEE	44 3260001 F01 USPRINGFIELD	72	46	1		154	138			
209 WESTERN TENNESSEE			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
TENNESSEE	44 0860002 F01 DYERSBURG	72	45	1		159	147			
TENNESSEE	44 1520001 F01 HUMBOLDT	72	46	2		173	160			
TENNESSEE	44 1580001 F01 JACKSON	72	42	7	2	379	342			
TENNESSEE	44 1580002 F01 JACKSON	72	46			117	111			
TENNESSEE	44 2680001 F01 PARIS	72	46	7		249	208			
TENNESSEE	44 3430001 F01 TRENTON	72	44	4		199	174			
TENNESSEE	44 3500001 F01 UNION CITY	72	44	2		176	158			
210 ABILENE-WICHITA FALLS (TEX)			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
TEXAS	45 0010001 F01 ABILENE	72	52	1		227	146	.98	.78	59
TEXAS	45 0660001 F01 BROWNWOOD	72	26	2		203	164			
TEXAS	45 5560002 F01 WICHITA FALLS	72	53	6		232	219	1.50	1.20	90
211 AMARILLO-LUBBOCK (TEX)			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
TEXAS	45 0070002 A01 AMARILLO	72	15	4		242	177			
TEXAS	45 0070002 F01 AMARILLO	72	26	4		242	177			
TEXAS	45 3340001 A01 LUBBOCK	72	25	6	1	322	211			
TEXAS	45 3340001 F01 LUBBOCK	72	57	9	2	975	322	1.50	1.20	90
TEXAS	45 3340002 G01 LUBBOCK	72	37	3	1	302	295			
TEXAS	45 3340003 G01 LUBBOCK	72	32			133	119			
TEXAS	45 3340005 G01 LUBBOCK	72	37	1		174	137			
TEXAS	45 3340006 G01 LUBBOCK	72	34	12	5	404	396			
TEXAS	45 3340008 G01 LUBBOCK	72	37	5		210	189			
TEXAS	45 3340009 G01 LUBBOCK	72	30	5	3	494	368			
TEXAS	45 3340010 G01 LUBBOCK	72	36	2		184	163			
TEXAS	45 3340012 G01 LUBBOCK	72	33	5		210	206			
TEXAS	45 3340013 G01 LUBBOCK	72	33	3		183	174			
TEXAS	45 3340014 G01 LUBBOCK	72	34	5	1	298	234			
TEXAS	45 3340015 G01 LUBBOCK	72	32	5	1	940	188			
TEXAS	45 3340017 G01 LUBBOCK	72	35	6		233	215			

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC.		HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	A N N U A L RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
TEXAS	45 3350001 G01 LUBBOCK COUNTY	72	30	4		167	165			
TEXAS	45 3350003 G01 LUBBOCK COUNTY	72	23			150	107			
TEXAS	45 3350004 G01 LUBBOCK COUNTY	72	31	2	1	430	158			
TEXAS	45 4010001 F01 PAMPA	72	31			68	63	.40	.32	24
TEXAS	45 4830002 G01 SLATON	72	29	6	2	435	420			
			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
212 AUSTIN-WACO (TEX)										
TEXAS	45 0220002 A01 AUSTIN	72	25			143	123			
TEXAS	45 0220002 F01 AUSTIN	72	49			143	121	1.16	.93	70
TEXAS	45 0220004 F01 AUSTIN	72	29			143	116			
TEXAS	45 0220005 F01 AUSTIN	72	8			92	73			
TEXAS	45 0220006 F01 AUSTIN	72	26			166	126			
TEXAS	45 0220007 F01 AUSTIN	72	29	2		170	167			
TEXAS	45 0220008 F01 AUSTIN	72	13			92	67			
TEXAS	45 0670001 F01 BRYAN	72	56			119	105	.99	.78	55
TEXAS	45 4640001 F01 SAN MARCOS	72	44			136	130	.93	.72	56
TEXAS	45 5370001 F01 WACO	72	41			145	133	1.01	.81	61
			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
213 BROWNSVILLE-LAREDO (TEX)										
TEXAS	45 2320001 F01 HARLINGEN	72	46			125	108			
TEXAS	45 3140001 F01 LAREDO	72	20	15	3	401	283			
TEXAS	45 3140003 G01 LAREDO	72	51	24	9	355	351	2.66	2.13	160
TEXAS	45 3140004 G01 LAREDO	72	34	20	3	404	369	2.51	2.01	151
TEXAS	45 3140005 G01 LAREDO	72	35			121	79			
TEXAS	45 3140007 G01 LAREDO	72	40	1		173	149	.86	.63	52
TEXAS	45 3140009 G01 LAREDO	72	34	15	4	333	304			
TEXAS	45 3140010 G01 LAREDO	72	34	8		242	190	1.60	1.28	96
TEXAS	45 3140011 G01 LAREDO	72	41	10	2	331	320	1.58	1.26	95
TEXAS	45 3140012 G01 LAREDO	72	31	3	2	295	280			
TEXAS	45 3390001 F01 MCALLEN	72	57	3		171	162	1.29	1.02	77
TEXAS	45 4200001 F01 PORT ISABEL	72	17			137	99			
TEXAS	45 4600001 F01 SAN BENITO	72	50	10	3	2,121	477	1.63	1.28	96
			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
214 CORPUS CHRISTI-VICTORIA (TEX)										
TEXAS	45 0720001 F01 CALHOUN COUNTY	72	52	2		199	143	.95	.76	57
TEXAS	45 1150001 A01 CORPUS CHRISTI	72	26	2		169	163			
TEXAS	45 1150001 G01 CORPUS CHRISTI	72	61	1		157	149	1.28	1.02	77
TEXAS	45 1150003 F01 CORPUS CHRISTI	72	57			100	92	.80	.64	48
TEXAS	45 1150003 G01 CORPUS CHRISTI	72	60			128	110	.95	.76	57
TEXAS	45 1150004 F01 CORPUS CHRISTI	72	56	15	2	625	317	1.73	1.39	104
TEXAS	45 1150005 G01 CORPUS CHRISTI	72	61	1		161	129	.86	.69	52
TEXAS	45 1150009 G01 CORPUS CHRISTI	72	60			145	135	.96	.77	58
TEXAS	45 1150011 G01 CORPUS CHRISTI	72	59	1		156	134	1.01	.81	61
TEXAS	45 1150012 G01 CORPUS CHRISTI	72	61			140	136	1.25	1.00	75
TEXAS	45 1150013 G01 CORPUS CHRISTI	72	61	1		165	127	.91	.73	55
TEXAS	45 1150016 G01 CORPUS CHRISTI	72	59	8		205	198	1.36	1.09	82

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCEEDING 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
215 METROPOLITAN DALLAS-FORT WORTH (TEX)			* PRIORITY 2 **				AS OF OCTOBER 06, 1973			
TEXAS	45 0170001 F01 ARLINGTON	72	17			84	75			
TEXAS	45 0170002 F01 ARLINGTON	72	17			105	98			
TEXAS	45 0170003 F01 ARLINGTON	72	13			77	77			
TEXAS	45 0170004 F01 ARLINGTON	72	17			72	61			
TEXAS	45 1310002 A01 DALLAS	72	27	3	2	349	286	1.43	1.14	86
TEXAS	45 1310007 H01 DALLAS	72	120	4	1	268	191	1.49	1.12	96
TEXAS	45 1310003 H01 DALLAS	72	115	4		235	166	1.13	.90	68
TEXAS	45 1310008 H01 DALLAS	72	120	1		162	141	1.06	.85	64
TEXAS	45 1310018 H01 DALLAS	72	112	24	4	361	311	1.70	1.34	102
TEXAS	45 1310020 H01 DALLAS	72	109	1		159	117	.85	.63	51
TEXAS	45 1310023 H01 DALLAS	72	120	10		194	192	1.41	1.13	85
TEXAS	45 1310027 H01 DALLAS	72	111	10	9	676	573	1.30	1.04	78
TEXAS	45 1310028 H01 DALLAS	72	110			115	112	.81	.65	49
TEXAS	45 1310029 H01 DALLAS	72	122			138	129	.91	.73	55
TEXAS	45 1310035 H01 DALLAS	72	116			124	115	.88	.70	53
TEXAS	45 1310036 H01 DALLAS	72	114	2		155	151	1.15	.92	69
TEXAS	45 1310038 H01 DALLAS	72	107			128	124	.88	.71	53
TEXAS	45 1310040 H01 DALLAS	72	115	1		184	140	.80	.64	48
TEXAS	45 1410001 F01 DENTON	72	30	1		189	127			
TEXAS	45 1880001 A01 FORT WORTH	72	30	1		166	115	1.15	.92	69
TEXAS	45 1880004 H01 FORT WORTH	72	90	2		155	155	1.03	.82	62
TEXAS	45 1880006 H01 FORT WORTH	72	98	1	1	277	134	.96	.77	58
TEXAS	45 1880007 H01 FORT WORTH	72	99	3		179	171	1.13	.90	68
TEXAS	45 1880011 H01 FORT WORTH	72	99			138	128	.75	.60	45
TEXAS	45 1880012 H01 FORT WORTH	72	106	1		163	146	.81	.65	49
TEXAS	45 1880016 H01 FORT WORTH	72	102	4		197	171	1.16	.93	70
TEXAS	45 1880017 H01 FORT WORTH	72	105			136	107	.60	.48	36
TEXAS	45 1880019 H01 FORT WORTH	72	96	20	2	374	289	1.50	1.20	90
TEXAS	45 1880061 H01 FORT WORTH	72	100	1		155	143	1.03	.82	62
TEXAS	45 1880066 H01 FORT WORTH	72	101	1		155	131	.90	.72	54
TEXAS	45 1880067 H01 FORT WORTH	72	102	2		177	157	1.05	.84	63
TEXAS	45 1880068 H01 FORT WORTH	72	156	1		160	136	.86	.69	52
TEXAS	45 1880069 H01 FORT WORTH	72	91	15	2	383	289	1.45	1.16	87
TEXAS	45 2130002 F01 GRAND PRAIRIE	72	11			42	39	-	.	
TEXAS	45 4790002 F01 SHERMAN	72	7	1		184	63		.	
216 METROPOLITAN HOUSTON-GALVESTON (TEX)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
TEXAS	45 0060001 F01 ALVIN	72	18			95	72		.	
TEXAS	45 0320001 F01 BAYTOWN	72	53	3	1	283	243	.66	.53	40
TEXAS	45 0320002 F01 BAYTOWN	72	59			137	123	.96	.77	58
TEXAS	45 0320003 F01 BAYTOWN	72	54	2		164	151	1.20	.96	72
TEXAS	45 0860001 F01 CHAMBERS COUNTY	72	54			113	108	.66	.53	40
TEXAS	45 0860002 F01 CHAMBERS COUNTY	72	55	3	1	266	186	1.05	.84	63
TEXAS	45 0860004 F01 CHAMBERS COUNTY	72	56	4		222	206	1.20	.96	72
TEXAS	45 0950002 F01 CLUTE	72	52	3		205	171	1.45	1.16	87
TEXAS	45 1935001 G01 FRIENDSWOOD	72	29			124	103	.		
TEXAS	45 1980001 F01 GALVESTON	72	49	1		156	147	.95	.76	57

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
TEXAS	45 1990047 G01 GALVESTON	72	29			90	81			
TEXAS	45 1990025 G01 GALVESTON COUNTY	72	28			129	112			
TEXAS	45 2330003 F01 HARRIS COUNTY	72	26			109	107			
TEXAS	45 2330005 F01 HARRIS COUNTY	72	24			81	70			
TEXAS	45 2330006 F01 HARRIS COUNTY	72	25			153	92			
TEXAS	45 2560001 A01 HOUSTON	72	29	2		177	161	1.48	1.18	89
TEXAS	45 2560001 H01 HOUSTON	72	13	1		177	120			
TEXAS	45 3070024 G01 LA MARQUE	72	29			145	132			
TEXAS	45 3170001 F01 LEAGUE CITY	72	51	1		134	103	.68	.54	41
TEXAS	45 3170026 G01 LEAGUE CITY	72	29	1		216	163			
TEXAS	45 3530001 A03 MATAGORDA COUNTY	72	29			71	63	.51	.41	31
TEXAS	45 4060002 A01 PASADENA	72	29	2		173	156	1.53	1.20	90
TEXAS	45 4060006 F01 PASADENA	72	30			115	91			
TEXAS	45 4890001 F01 SOUTH HOUSTON	72	31	1		134	153			
TEXAS	45 5170003 G01 TEXAS CITY	72	34			149	123			
TEXAS	45 5170004 G01 TEXAS CITY	72	34	2	1	332	157			
TEXAS	45 5170011 F01 TEXAS CITY	72	30	5	1	274	213	1.76	1.41	106
TEXAS	45 5170011 G01 TEXAS CITY	72	29	5	1	274	196			
TEXAS	45 5170043 G01 TEXAS CITY	72	29			153	126			
TEXAS	45 5170045 G01 TEXAS CITY	72	25			128	92			
TEXAS	45 5195001 F01 TOMBALL	72	27			118	99			
217 METROPOLITAN SAN ANTONIO (TEX)										
			** PRIORITY 2 **				AS OF OCTOBER 04, 1973			
TEXAS	45 1580003 F01 EAGLE PASS	72	48	12	3	643	552	2.10	1.68	126
TEXAS	45 4570001 A01 SAN ANTONIO	72	27			141	139	.90	.72	54
TEXAS	45 4570001 G01 SAN ANTONIO	72	70	4		173	173			
TEXAS	45 4570024 G01 SAN ANTONIO	72	119			112	112	.73	.59	44
TEXAS	45 4570026 G01 SAN ANTONIO	72	120	1		159	149	.28	.22	17
TEXAS	45 4570027 G01 SAN ANTONIO	72	120			95	89	.16	.13	10
TEXAS	45 4570029 G01 SAN ANTONIO	72	118			111	100	.61	.49	37
TEXAS	45 4570033 G01 SAN ANTONIO	72	117			105	79	.13	.10	8
TEXAS	45 4570034 G01 SAN ANTONIO	72	35			106	91	-	-	
218 MIDLAND-ODESSA-SAN ANGELO (TEX)										
			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
TEXAS	45 0440001 F01 BIG SPRING	72	57	5	1	267	237	1.03	.82	62
TEXAS	45 3620001 F01 MIDLAND	72	32	5		252	229	-	-	
TEXAS	45 3910001 F01 ODESSA	72	55	5		209	205	1.43	1.14	86
TEXAS	45 4560001 F01 SAN ANGELO	72	45	1		180	108	.81	.65	49
TEXAS	45 5200001 A03 TOM GREEN COUNTY	72	29	2		219	196	.90	.72	54
220 WASATCH FRONT (UTAH)										
			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
UTAH	46 0440001 F01 KEARNS	72	352	11		221	220	.90	.72	54
UTAH	46 0520001 F01 MAGNA	72	334	31	12	1,465	898	1.16	.93	70
UTAH	46 0680001 A01 OGDEN	72	29	3		189	189	1.48	1.18	89
UTAH	46 0680001 F01 OGDEN	72	346	41	6	292	289	1.45	1.16	87
UTAH	46 0800001 F01 PROVO	72	333	43	8	470	359	1.56	1.25	94
UTAH	46 0920001 A01 SALT LAKE CITY	72	28	3		211	175	1.58	1.26	95
UTAH	46 0920001 F01 SALT LAKE CITY	72	349	55	9	355	331	1.56	1.25	94
UTAH	46 0920004 F01 SALT LAKE CITY	72	330	31	2	278	261	1.28	1.02	77

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
221 VERMONT (REMAINDER)			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
VERMONT	47 0340001 A03 ORANGE COUNTY	72	29			69	54	.50	.40	30
222 CENTRAL VIRGINIA			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
VIRGINIA	48 0140001 F02 AMELIA COUNTY	72	106	2		206	171	.66	.53	40
VIRGINIA	48 0160004 F02 AMHERST COUNTY	72	76	2	1	272	250	.80	.64	48
VIRGINIA	48 0280001 F02 BASSETT	72	83	55	22	651	489	3.13	2.50	188
VIRGINIA	48 0280002 F02 BASSETT	72	42	4		251	249			
VIRGINIA	48 0320002 F01 BEDFORD	72	66	4		191	178	.95	.76	57
VIRGINIA	48 0340003 F02 BEDFORD COUNTY	72	58			97	97			
VIRGINIA	48 0400001 F01 BLACKSTONE	72	113	1		197	112	.70	.56	42
VIRGINIA	48 0580003 F01 CAMPBELL COUNTY	72	68			104	85	.68	.54	41
VIRGINIA	48 0580005 F02 CAMPBELL COUNTY	72	113	3		217	165	.86	.69	52
VIRGINIA	48 0920001 A01 DANVILLE	72	27			109	102	1.05	.84	63
VIRGINIA	48 0920005 F02 DANVILLE	72	42			104	84			
VIRGINIA	48 0920006 F02 DANVILLE	72	34	1		194	140			
VIRGINIA	48 1200002 F02 FRANKLIN COUNTY	72	55	1		199	132	.90	.72	54
VIRGINIA	48 1520002 F02 HENRY COUNTY	72	38	1		163	161			
VIRGINIA	48 1840001 A01 LYNCHBURG	72	30	1		194	147	1.40	1.12	84
VIRGINIA	48 1840003 F01 LYNCHBURG	72	70	4		214	166			
VIRGINIA	48 1840009 F02 LYNCHBURG	72	69	9		256	209			
VIRGINIA	48 1840010 F02 LYNCHBURG	72	43			123	114			
VIRGINIA	48 1940005 F01 MARTINSVILLE	72	77	2		166	156	1.05	.84	63
VIRGINIA	48 1940006 F01 MARTINSVILLE	72	81	1		177	148	.91	.73	55
VIRGINIA	48 2340001 F02 PATRICK COUNTY	72	93	34	8	521	395	1.83	1.46	110
VIRGINIA	48 2380002 F02 PITTSYLVANIA COUNTY	72	69	5		241	226	1.06	.85	64
VIRGINIA	48 2380003 F02 PITTSYLVANIA COUNTY	72	71	1		167	143	.68	.54	41
VIRGINIA	48 2920003 F01 SOUTH BOSTON	72	45	3		214	169			
223 HAMPTON ROADS (VA)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
VIRGINIA	48 0710001 F02 CHESAPEAKE	72	104	1		192	147	1.13	.90	68
VIRGINIA	48 0710004 F02 CHESAPEAKE	72	110	6	1	320	253	1.26	1.01	76
VIRGINIA	48 0710005 F02 CHESAPEAKE	72	102	12	2	348	271	1.16	.93	70
VIRGINIA	48 0710006 F01 CHESAPEAKE	72	105	16	2	307	278	1.38	1.10	83
VIRGINIA	48 1190002 F01 FRANKLIN	72	87	2		197	180	.95	.76	57
VIRGINIA	48 1440001 A01 HAMPTON	72	28			82	78	.78	.62	47
VIRGINIA	48 1440003 F02 HAMPTON	72	82	7	2	400	285	1.38	1.10	83
VIRGINIA	48 2060002 F02 NANSEMOND COUNTY	72	96	1	1	329	79	.58	.46	35
VIRGINIA	48 2120001 A01 NEWPORT NEWS	72	29			91	72	.78	.62	47
VIRGINIA	48 2120003 F01 NEWPORT NEWS	72	90	3		201	199	.90	.72	54
VIRGINIA	48 2140001 A01 NORFOLK	72	31			116	111	.91	.73	55
VIRGINIA	48 2140007 F01 NORFOLK	72	78			129	118			
VIRGINIA	48 2140010 F01 NORFOLK	72	102	20	2	282	271	1.88	1.50	113
VIRGINIA	48 2140011 F01 NORFOLK	72	70	1		152	136			
VIRGINIA	48 2140012 F02 NORFOLK	72	84			138	133	.83	.66	50
VIRGINIA	48 2440001 A01 PORTSMOUTH	72	30	2		167	161	1.15	.92	69
VIRGINIA	48 3080003 F02 SUFFOLK	72	92	4		196	184	1.08	.86	65

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
VIRGINIA	48 3240003 F02 VIRGINIA BEACH	72	90	1		177	135			
VIRGINIA	48 3360001 F02 WILLIAMSBURG	72	95	2		224	162	.68	.54	41
VIRGINIA	48 3480002 F02 YORK COUNTY	72	76	1		173	116	.55	.44	33
224 NORTHEASTERN VIRGINIA			** PRIORITY 1A **				AS OF OCTOBER 06, 1973			
VIRGINIA	48 0680001 F01 CHAROLLTESVILLE	72	16	1	1	392	124			
VIRGINIA	48 1240001 F02 FREDERICKSBURG	72	38	2	1	267	166			
VIRGINIA	48 1320001 F02 GLOUCESTER COUNTY	72	59	1		235	113			
225 STATE CAPITAL (VA)			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
VIRGINIA	48 0720002 F02 CHESTERFIELD COUNTY	72	57	1		154	108	.80	.64	48
VIRGINIA	48 0980002 F02 EMPORIA	72	55			71	68			
VIRGINIA	48 1500002 F01 HENRICO COUNTY	72	57			125	91			
VIRGINIA	48 1500007 F02 HENRICO COUNTY	72	57			121	100			
VIRGINIA	48 1500008 F02 HENRICO COUNTY	72	57			98	94			
VIRGINIA	48 1560002 F02 HOPEWELL	72	56	6	1	319	214	1.46	1.17	88
VIRGINIA	48 2360002 F01 PETERSAURG	72	29	2		191	172			
VIRGINIA	48 2500001 F02 PRINCE GEORGE COUNTY	72	81			131	91			
VIRGINIA	48 2660002 A01 RICHMOND	72	16			137	99			
VIRGINIA	48 2660008 F01 RICHMOND	72	33			119	116			
226 VALLEY OF VIRGINIA			** PRIORITY 1 **				AS OF OCTOBER 06, 1973			
VIRGINIA	48 0460003 F02 BOTETOURT COUNTY	72	49	17	3	399	343			
VIRGINIA	48 0560002 F02 BUENA VISTA	72	57	2		195	178			
VIRGINIA	48 0760001 F02 CLARKE COUNTY	72	74			103	82	.63	.50	38
VIRGINIA	48 0780002 F01 CLIFTON FORGE	72	46			124	116			
VIRGINIA	48 0840005 F02 COVINGTON	72	50			143	126			
VIRGINIA	48 1260004 F02 FRONT ROYAL	72	10	2		210	153			
VIRGINIA	48 1300001 F02 GILES COUNTY	72	67	47	29	1,145	525			
VIRGINIA	48 1300005 F02 GILES COUNTY	72	46	4	1	382	194			
VIRGINIA	48 1480002 F02 HARRISONBURG	72	52	6	1	299	223			
VIRGINIA	48 1740002 F01 LEXINGTON	72	37	1		189	100			
VIRGINIA	48 2560006 F02 PULASKI	72	120			148	138	1.05	.84	63
VIRGINIA	48 2560007 F02 PULASKI	72	108			130	111	.75	.60	45
VIRGINIA	48 2700001 A01 ROANOKE	72	27			124	119			
VIRGINIA	48 2760001 F02 ROCKINGHAM COUNTY	72	45			81	61			
VIRGINIA	48 2890001 A03 SHENANDOAH NATIONAL PK	72	28			51	47	.48	.38	29
VIRGINIA	48 3060002 F01 STAUNTON	72	20			114	100			
VIRGINIA	48 3320004 F02 WAYNESBORO	72	103	4		210	206	.95	.76	57
VIRGINIA	48 3320006 F02 WAYNESBORO	72	58			107	98			
227 NORTHERN WASHINGTON			** PRIORITY 2 **				AS OF OCTOBER 06, 1973			
WASHINGTON	49 0520001 F01 DOUGLAS COUNTY	72	10	2	1	292	208			
WASHINGTON	49 1380005 F01 OKANOGAN COUNTY	72	86	4	2	409	277	1.01	.81	61
WASHINGTON	49 1540005 F01 PEND ORIELLE COUNTY	72	88	5	2	425	314	1.05	.84	63
WASHINGTON	49 2340001 F01 WENATCHEE	72	90	4		228	220	.95	.76	57

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
228 OLYMPIC-NORTHWEST WASHINGTON				** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
WASHINGTON	49 0020002 I01	ABERDEEN	72	92			116	100	.68	.54	41
WASHINGTON	49 1400001 F01	OLYMPIA	72	90	1		156	135	.75	.60	45
WASHINGTON	49 1600001 I01	PORT ANGELES	72	71	4	1	290	198	*	.	
WASHINGTON	49 2400001 I01	WHATCOM COUNTY	72	89	1		152	127	.53	.42	32
229 PUGET SOUND (WASH)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
WASHINGTON	49 0120002 I01	BELLEVUE	72	91	1		204	128	.66	.53	40
WASHINGTON	49 0180001 F01	BREMERTON	72	76			100	91	.68	.54	41
WASHINGTON	49 0640005 F01	EVERETT	72	25	2		244	155		*	
WASHINGTON	49 0640007 F01	EVERETT	72	95	6		244	157	1.00	.80	60
WASHINGTON	49 0980001 I01	KING COUNTY	72	88			57	57	.25	.20	15
WASHINGTON	49 0980002 A03	KING COUNTY	72	30			91	79	.53	.42	32
WASHINGTON	49 1760002 I01	RENTON	72	90			147	111	.73	.58	44
WASHINGTON	49 1840001 A01	SEATTLE	72	27			109	100	.78	.62	47
WASHINGTON	49 1840001 I01	SEATTLE	72	91	2		214	187	.95	.76	57
WASHINGTON	49 1840002 F01	SEATTLE	72	23	2		183	176	.	-	
WASHINGTON	49 1840007 I01	SEATTLE	72	92	1		177	129	.63	.50	38
WASHINGTON	49 1840009 I01	SEATTLE	72	93	1		185	120	.75	.60	45
WASHINGTON	49 1840059 F01	SEATTLE	72	58	11		242	206	.		
WASHINGTON	49 2140001 A01	TACOMA	72	30	2		171	160	.76	.61	46
WASHINGTON	49 2140001 I01	TACOMA WASH	72	91	5	1	300	253	.80	.64	48
WASHINGTON	49 2140003 I01	TACOMA	72	92	1		171	139	.73	.58	44
WASHINGTON	49 2140005 F01	TACOMA WASH	72	23	3	1	379	218		.	
WASHINGTON	49 2140006 F01	TACOMA	72	96	34	10	456	453	1.56	1.25	94
230 SOUTH CENTRAL WASHINGTON				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
WASHINGTON	49 0560001 F01	ELLENSBURG	72	90	3		215	155	.96	.77	59
WASHINGTON	49 0780001 F01	GOLDENDALE	72	28			79	76			
WASHINGTON	49 1060001 F01	KLICKITAT COUNTY	72	9			52	49			
WASHINGTON	49 1500001 F01	PASCO	72	91	16	2	559	548	1.50	1.20	90
WASHINGTON	49 2260002 F01	WALLA WALLA	72	84	1	1	587	132	.95	.76	57
WASHINGTON	49 2440002 I01	YAKIMA	72	91	5	1	266	251	1.13	.90	68
WASHINGTON	49 2440003 F01	YAKIMA	72	24	3	1	266	251	-	*	
WASHINGTON	49 2460001 I01	YAKIMA COUNTY	72	20			124	117	.	.	
WASHINGTON	49 2460002 I01	YAKIMA COUNTY	72	90			104	89	.58	.46	35
234 KANAWHA VALLEY (W. VA.)				** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
WEST VIRGINIA	50 0280001 A01	CHARLESTON	72	29	4		181	175	1.63	1.30	98
WEST VIRGINIA	50 0280002 F01	CHARLESTON	72	44	8	2	433	331	1.63	1.30	98
WEST VIRGINIA	50 0280003 F03	CHARLESTON	72	46			105	104	.78	.62	47
WEST VIRGINIA	50 0280005 F01	CHARLESTON	72	46	10	2	301	262	1.75	1.40	105
WEST VIRGINIA	50 0280006 F01	CHARLESTON	72	33	5		186	176	.	*	
WEST VIRGINIA	50 0760001 F02	KANAWHA COUNTY	72	39	10	1	316	244	1.63	1.30	98
WEST VIRGINIA	50 0760002 F02	KANAWHA COUNTY	72	42			99	96	.76	.61	46
WEST VIRGINIA	50 1340001 F02	NITRO	72	45	5	1	289	257	1.33	1.06	80
WEST VIRGINIA	50 1560001 F01	PUTNAM COUNTY	72	17			135	111	-	*	

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS.		HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIOS TO ANN. STDS		ANNUAL GEOM. MEAN UG/CU.M.
				SEC.	PRI.	1ST	2ND	SEC.	PRI.	
WEST VIRGINIA	50 1560002 F02 PUTNAM COUNTY	72	33			107	94	.73	.58	44
WEST VIRGINIA	50 1560003 F02 PUTNAM COUNTY	72	45	2		177	162	1.08	.86	65
WEST VIRGINIA	50 1760001 A01 SOUTH CHARLESTON	72	30	2		166	163	1.36	1.09	32
WEST VIRGINIA	50 1760002 F02 SOUTH CHARLESTON	72	26	7	2	288	280		.	
WEST VIRGINIA	50 1760003 F01 SOUTH CHARLESTON	72	45			110	98	.81	.65	49
235 NORTH CENTRAL WEST VIRGINIA			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
WEST VIRGINIA	50 0360001 F01 CLARKSBURG	72	41	1		168	137	1.05	.84	63
WEST VIRGINIA	50 0360002 F01 CLARKSBURG	72	39	4	1	371	182	1.29	.96	72
WEST VIRGINIA	50 0480001 F01 FAIRMONT	72	17	2		170	151		-	
WEST VIRGINIA	50 0480002 F02 FAIRMONT	72	40	4		225	174	1.40	1.12	84
WEST VIRGINIA	50 0480003 F01 FAIRMONT	72	38	2		193	178	1.05	.84	63
WEST VIRGINIA	50 0660001 F01 HARRISON COUNTY	72	40			149	134	.90	.72	54
236 SOUTHERN WEST VIRGINIA			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
WEST VIRGINIA	50 0460001 F02 FAYETTE COUNTY	72	47	7	2	293	278	1.33	1.06	80
WEST VIRGINIA	50 1180001 F02 MONTGOMERY	72	43	28	14	390	380	2.83	2.26	170
237 LAKE MICHIGAN (WISC)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
WISCONSIN	51 0780001 A03 DOOR COUNTY	72	25			63	55	.38	.30	23
239 SOUTHEASTERN WISCONSIN			** PRIORITY 1 **					AS OF OCTOBER 06, 1973		
WISCONSIN	51 1540001 A01 KENOSHA	72	27	2		153	151	1.18	.94	71
WISCONSIN	51 2200001 A01 MILWAUKEE	72	28	3		197	195	1.53	1.22	92
WISCONSIN	51 2880001 A01 RACINE	72	27	1		190	114	.95	.76	57
240 SOUTHERN WISCONSIN			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
WISCONSIN	51 1860001 A01 MADISON	72	30	1		153	144	1.23	.98	74
241 CASPER (WYO)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
WYOMING	52 0120001 A01 CASPER	72	29	2		166	163	1.01	.81	61
242 METROPOLITAN CHEYENNE (WYO)			** PRIORITY 2 **					AS OF OCTOBER 06, 1973		
WYOMING	52 0140001 A01 CHEYENNE	72	30			148	53	.50	.40	30
243 WYOMING (REMAINDER)			** PRIORITY 3 **					AS OF OCTOBER 06, 1973		
WYOMING	52 0310001 A03 GRAND TETON NATL PARK	72	29			32	28	.20	.16	12
WYOMING	52 0860001 A03 YELLOWSTONE PARK	72	22			37	23	.	.	
244 PUERTO RICO			** PRIORITY 1A **					AS OF OCTOBER 06, 1973		
PUERTO RICO	40 0380002 A01 BAYAMON	72	30	5		218	171	1.86	1.49	112
PUERTO RICO	40 0560002 A01 CATANO	72	28	11	2	325	285	2.30	1.84	139
PUERTO RICO	40 1080002 A01 GUAYANILLA	72	31			126	102	1.00	.80	60
PUERTO RICO	40 1920002 A01 PONCE	72	30	3		185	155	1.56	1.25	94
PUERTO RICO	40 2140001 A01 SAN JUAN	72	27	4		173	171	1.93	1.54	116

Table A-1 (continued). DATA FROM STATIONS MONITORING TSP WITH GRAVIMETRIC 24-HOUR HI-VOL FILTER SAMPLE

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STDS. SEC.	PRI.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIOS TO ANN. STDS SEC.	PRI.	GEOM. MEAN UG/CU.M.
246 GUAM			** PRIORITY 3 **				AS OF OCTOBER 06, 1973			
GUAM	54 0010001 F01 AGANA DIST	72	15	13	7	700	656	.	.	
GUAM	54 0170001 F01 DEDEDO DIST	72	9			115	104	.	.	
GUAM	54 0290001 F02 PITI DIST	72	10	1		162	93		-	
247 U.S. VIRGIN ISLANDS			** PRIORITY 1A **				AS OF OCTOBER 06, 1973			
VIRGIN ISLANDS	55 0010002 F02 CHARLOTTE AMALIE	72	93	11	3	397	354	.	-	
VIRGIN ISLANDS	55 0010003 F01 CHARLOTTE AMALIE	72	52	1		193	143		-	
VIRGIN ISLANDS	55 0170002 F02 ST CROIX COUNTY	72	130	42	17	797	517	.	.	
VIRGIN ISLANDS	55 0170003 F02 ST CROIX COUNTY	72	69	24	4	633	578		-	

Table A-2. DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
002 COLUMBUS-PHENIX CITY (ALA-GA)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
ALABAMA	01 2460001 A01 MONTGOMERY	72	29		25	13	.06	5
GEORGIA	11 1280001 A01 COLUMBUS	72	25		47	43	.13	10
004 METROPOLITAN BIRMINGHAM (ALA)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
ALABAMA	01 0340001 G01 BESSEMER	72	27		26	7		
ALABAMA	01 0390003 A01 BIRMINGHAM	72	27		57	29	.11	9
ALABAMA	01 0390005 G01 BIRMINGHAM	72	139		104	91		
ALABAMA	01 0380012 G01 BIRMINGHAM	72	120		78	62		
ALABAMA	01 1300003 G01 FAIRFIELD	72	139		157	141		
ALABAMA	01 2540001 G01 MOUNTAIN BROOK	72	19		2	2		
ALABAMA	01 3200001 G01 TARRANT CITY	72	24		28	13		
005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS)			PRIORITY I				AS OF OCTOBER 07, 1973	
ALABAMA	01 2380001 A01 MOBILE	72	22		71	60		
FLORIDA	10 4060001 J02 SANTA ROSA COUNTY	72	58		2	2	.03	2
FLORIDA	10 4060002 J02 SANTA ROSA COUNTY	72	71		44	7	.04	3
FLORIDA	10 4060003 J02 SANTA ROSA COUNTY	72	61		72	13	.05	4
FLORIDA	10 4060004 J02 SANTA ROSA COUNTY	72	53		25	20	.04	3
FLORIDA	10 4060005 J02 SANTA ROSA COUNTY	72	66		44	34	.07	5
FLORIDA	10 4060006 J02 SANTA ROSA COUNTY	72	48		22	17	.05	4
FLORIDA	10 4060007 J02 SANTA ROSA COUNTY	72	62		21	9		
FLORIDA	10 4060008 J02 SANTA ROSA COUNTY	72	62		28	19		
FLORIDA	10 4060009 J02 SANTA ROSA COUNTY	72	58		15	2		
FLORIDA	10 4060010 J02 SANTA ROSA COUNTY	72	56		29	7		
MISSISSIPPI	25 1260002 A01 JACKSON	72	23		12	9		
MISSISSIPPI	25 1280001 A03 JACKSON COUNTY	72	25		40	12		
013 CLARK-MOHAVE (ARIZ-NEV)			** PRIORITY IA **				AS OF OCTOBER 07, 1973	
ARIZONA	03 0500006 F02 MOHAVE COUNTY	72	57		2	2	.03	2
ARIZONA	03 0500007 G02 MOHAVE COUNTY	72	40		2	2		
ARIZONA	03 0500008 G02 MOHAVE COUNTY	72	28		2	2		
014 FOUR CORNERS (ARIZ-COLO-N.M.-UTAH)			** PRIORITY IA **				AS OF OCTOBER 07, 1973	
ARIZONA	03 0200004 F03 COCONINO COUNTY	72	12		2	2		
ARIZONA	03 0370001 A03 GRAND CANYON NAT PK	72	10		12	10		
NEW MEXICO	32 0400001 F01 FARMINGTON	72	7		73	26		
NEW MEXICO	32 0400002 A01 FARMINGTON	72	11		7	5		
015 PHOENIX-TUCSON (ARIZ)			** PRIORITY I **				AS OF OCTOBER 07, 1973	
ARIZONA	03 0600002 A01 PHOENIX	72	28		43	23	.10	
ARIZONA	03 0860001 A01 TUCSON	72	22		12	12		
016 CENTRAL ARKANSAS			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
ARKANSAS	04 1440001 A01 LITTLE ROCK	72	20		18	6		

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
017 METROPOLITAN FORT SMITH (ARK-OKLA)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
OKLAHOMA	37 0480001 A03 CHEROKEE COUNTY	72	26		13	9	.06	4
OKLAHOMA	37 2480460 F01 POTEAU	72	49		12	12		
018 METROPOLITAN MEMPHIS (ARK-MISS-TENN)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
TENNESSEE	44 2340001 A01 MEMPHIS	72	29		64	29	.14	11
TENNESSEE	44 2340012 G01 MEMPHIS	72	42		34	26		
TENNESSEE	44 2340018 G01 MEMPHIS	72	25		52	36		
TENNESSEE	44 3080002 G01 SHELBY COUNTY	72	25		36	34		
019 MONROE-EL DORADO (ARK-LA)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
ARKANSAS	04 0780001 A01 EL DORADO	72	8		15	10		
LOUISIANA	19 1900001 F01 MONROE	72	52		185	72	.14	13
020 NORTHEAST ARKANSAS			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
KENTUCKY	13 0800001 A01 COVINGTON	72	28		90	71	.34	27
022 SHREVEPORT-TEXARKANA-TYLER (ARK-LA-OKLA-TEX)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
LOUISIANA	19 2740001 A01 SHREVEPORT	72	26		18	11	.06	5
LOUISIANA	19 2740001 F01 SHREVEPORT	72	49		143	73	.15	12
OKLAHOMA	37 1420455 F01 IDABEL	72	60		25	25	.05	4
024 METROPOLITAN LOS ANGELES (CALIF)			** PRIORITY 2 **		AS OF OCTOBER 07, 1973			
CALIFORNIA	05 0230001 A01 ANAHEIM	72	29		39	28	.17	13
CALIFORNIA	05 2940001 A01 GLENDALE	72	25		53	35	.21	16
CALIFORNIA	05 4100001 A01 LONG BEACH	72	21		151	116		
CALIFORNIA	05 4180001 A01 LOS ANGELES	72	26		52	49	.30	24
CALIFORNIA	05 5760002 A01 PASADENA	72	23		23	18		
CALIFORNIA	05 6680001 A01 SAN BERNARDINO	72	25		19	14	.07	6
CALIFORNIA	05 7180001 A01 SANTA ANA	72	29		24	23	.11	9
CALIFORNIA	05 8260001 A01 TORRANCE	72	24		55	47	.16	13
028 SACRAMENTO VALLEY (CALIF)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
CALIFORNIA	05 6580001 A01 SACRAMENTO	72	18		12	9		
029 SAN DIEGO (CALIF)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
CALIFORNIA	05 6800001 A01 SAN DIEGO	72	26		20	14	.07	6
030 SAN FRANCISCO BAY AREA (CALIF)			** PRIORITY 2 **		AS OF OCTOBER 07, 1973			
CALIFORNIA	05 0740001 A01 BERKELEY	72	27		19	18	.09	7
CALIFORNIA	05 5300001 A01 OAKLAND	72	22		10	9		
CALIFORNIA	05 6860001 A01 SAN FRANCISCO	72	28		35	26	.08	7
CALIFORNIA	05 6980003 A01 SAN JOSE	72	27		13	12	.07	5
031 SAN JOAQUIN VALLEY (CALIF)			** PRIORITY 3 **		AS OF OCTOBER 07, 1973			
CALIFORNIA	05 2800002 A01 FRESNO	72	19		12	10		

Reproduced from best available copy.

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCEEDING 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANNL. STD	ARITH. MEAN UG/CU.M.
036 METROPOLITAN DENVER (COLO)			** PRIORITY 3				AS OF OCTOBER 07, 1973	
COLORADO	06 0580001 A01 DENVER	72	23		26	16	.10	8
COLORADO	06 0580002 A01 DENVER	72	23		17	9		
040 YAMPA (COLO)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
FLORIDA	10 1960043 H01 JACKSONVILLE	72	25		230	230		
042 HARTFORD-NEW HAVEN-SPRINGFIELD (CONN-MASS)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
CONNECTICUT	07 0420001 A01 HARTFORD	72	13		51	51		
CONNECTICUT	07 0700001 A01 NEW HAVEN	72	23		75	43	.32	26
MASSACHUSETTS	22 0400001 F01 CHICOPEE	72	123		102	91	.31	25
MASSACHUSETTS	22 0400003 F01 CHICOPEE	72	125		96	95	.33	26
MASSACHUSETTS	22 0780001 F01 GREENFIELD	72	121		83	60	.26	21
MASSACHUSETTS	22 0860004 F01 HOLYOKE	72	125		113	99	.27	22
MASSACHUSETTS	22 2160002 F01 SPRINGFIELD	72	21		110	70		
MASSACHUSETTS	22 2160003 F01 SPRINGFIELD	72	124		138	112	.38	30
MASSACHUSETTS	22 2160005 F01 SPRINGFIELD	72	120		172	102	.40	32
043 NEW JERSEY-NEW YORK-CONNECTICUT			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
CONNECTICUT	07 0060001 A01 BRIDGEPORT	72	29		90	83	.35	28
NEW JERSEY	31 1300002 A01 ELIZABETH	72	22		94	35		
NEW JERSEY	31 2320001 A01 JERSEY CITY	72	27		121	109		
NEW JERSEY	31 3480001 A01 NEWARK	72	20		32	15		
NEW JERSEY	31 4140001 A01 PATERSON	72	16		61	15		
NEW YORK	33 4100001 F01 MAMARONECK	72	22		96	83		
NEW YORK	33 4680001 A01 NEW YORK CITY	72	27		123	102	.60	49
NEW YORK	33 5520001 F01 PORT CHESTER	72	28		130	75		
NEW YORK	33 7320003 F01 WESTCHESTER COUNTY	72	29		57	52		
NEW YORK	33 7320005 F01 WESTCHESTER COUNTY	72	27		47	41		
NEW YORK	33 7320006 F01 WESTCHESTER COUNTY	72	28		41	34		
NEW YORK	33 7480001 F01 WHITE PLAINS	72	26		151	128		
044 NORTHWESTERN CONNECTICUT			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
CONNECTICUT	07 1240001 A01 WATERBURY	72	25		33	30	.13	10
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
DELAWARE	08 0140001 A01 NEWARK	72	29		20	19	.07	6
DELAWARE	08 0260003 A01 WILMINGTON	72	30		104	96	.52	41
NEW JERSEY	31 0720001 A01 CAMDEN	72	23		78	54		
NEW JERSEY	31 0740002 A01 CAMDEN COUNTY	72	24		52	33		
NEW JERSEY	31 1700001 A01 GLASSBORO	72	29		74	54	.14	11
NEW JERSEY	31 5400001 A01 TRENTON	72	28		74	51	.18	14
PENNSYLVANIA	39 7140001 A01 PHILADELPHIA	72	26		139	122	.56	45
PENNSYLVANIA	39 7140002 A01 PHILADELPHIA	72	14		59	59		
046 SOUTHERN DELAWARE			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
DELAWARE	08 0060001 A03 KENT COUNTY	72	30		37	30	.12	9

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.		A N N U A L	
						1ST	2ND	RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
047 NATIONAL CAPITAL (D.C.-MD-VA)				** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
DIST COLUMBIA	09 0020001 A01	WASHINGTON	72	12		101	100	-	
DIST COLUMBIA	09 0020003 A01	WASHINGTON	72	27		132	95	.50	40
MARYLAND	21 0200004 F01	BETHESDA	72	51		86	44	.14	11
MARYLAND	21 0480001 G01	CHEVERLY MD	72	55		97	49	.22	17
MARYLAND	21 0780003 G01	GAITHERSBURG	72	61		73	71	.26	21
MARYLAND	21 1160010 F01	MONTGOMERY COUNTY	72	57		81	42	.15	12
MARYLAND	21 1300001 G01	PRINCE GEORGE'S COUNTY	72	54		51	33	.08	6
MARYLAND	21 1300012 G01	PRINCE GEORGE'S COUNTY	72	51		90	30	.11	9
MARYLAND	21 1300018 G01	PRINCE GEORGE'S COUNTY	72	43		59	43	.13	11
MARYLAND	21 1300019 G01	PRINCE GEORGE'S COUNTY	72	57		92	63	.24	19
MARYLAND	21 1300020 G01	PRINCE GEORGE'S COUNTY	72	56		92	91	.31	24
MARYLAND.	21 1300021 G01	PRINCE GEORGE'S COUNTY	72	50		75	39	.17	14
MARYLAND	21 1380002 G01	ROCKVILLE	72	59		67	46	.16	13
MARYLAND	21 1480003 F01	SILVER SPRING	72	58		101	67	.23	18
MARYLAND	21 1480005 G01	SILVER SPRING	72	58		88	52	.17	14
MARYLAND	21 1480007 G01	SILVER SPRING	72	55		68	51	.19	15
049 JACKSONVILLE-BRUNSWICK (FLA-GA)				** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
FLORIDA	10 1960002 A01	JACKSONVILLE	72	25		12	10	.06	5
FLORIDA	10 1960004 H01	JACKSONVILLE	72	20		340	306		
FLORIDA	10 1960017 H01	JACKSONVILLE	72	20		349	311	-	
FLORIDA	10 1960028 H01	JACKSONVILLE	72	15		238	222	-	
FLORIDA	10 1960031 H01	JACKSONVILLE	72	20		322	146	-	
FLORIDA	10 1960032 H01	JACKSONVILLE	72	21	3	744	605		
FLORIDA	10 1960033 H01	JACKSONVILLE	72	20		110	29	-	
FLORIDA	10 1960038 H01	JACKSONVILLE	72	20	5	1,378	935		
FLORIDA	10 1960039 H01	JACKSONVILLE	72	20		303	293	-	
FLORIDA	10 1960045 H01	JACKSONVILLE	72	20		327	301		
GEORGIA	11 0600001 F01	BRUNSWICK	72	13		60	28		
050 SOUTHEAST FLORIDA				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
FLORIDA	10 2700002 A01	MIAMI	72	24		12	6	-	
052 WEST CENTRAL FLORIDA				** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
FLORIDA	10 1680001 A03	HARDEE COUNTY	72	29		25	7	.05	4
FLORIDA	10 1865001 G02	HOLMES BEACH	72	23		61	42	-	
FLORIDA	10 2540004 G03	MANATEE COUNTY	72	24		87	10	-	
FLORIDA	10 2540005 G02	MANATEE COUNTY	72	50		90	61	.15	12
FLORIDA	10 2540008 G02	MANATEE COUNTY	72	50		38	25	.07	6
FLORIDA	10 2540011 G02	MANATEE COUNTY	72	24		98	53	-	
FLORIDA	10 2540012 G02	MANATEE COUNTY	72	51		165	94	.25	20
FLORIDA	10 2540013 G02	MANATEE COUNTY	72	49		124	68	.14	11
FLORIDA	10 3440001 G02	PALMETTO	72	23		113	35	-	
FLORIDA	10 3980002 A01	ST PETERSBURG	72	27		74	55	.25	20
FLORIDA	10 4360002 A01	TAMPA	72	27		73	58	.18	14

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCEEDING 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL	
					1ST	2ND	RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
053 AUGUSTA-AIKEN (GA-S.C.)			-- PRIORITY 2 --				AS OF OCTOBER 07, 1973	
GEORGIA	11 0220001 F01 AUGUSTA	72	15		15	13		
SOUTH CAROLINA	42 1060001 F01 AIKEN	72	41		26	16		
SOUTH CAROLINA	42 0080001 F01 AIKEN COUNTY	72	42		50	47		
SOUTH CAROLINA	42 1800001 F01 NORTH AUGUSTA	72	16		44	19		
SOUTH CAROLINA	42 1340001 F01 ORANGEBURG	72	56		13	12	.14	3
054 CENTRAL GEORGIA			-- PRIORITY 1				AS OF OCTOBER 07, 1973	
GEORGIA	11 3340002 F01 LYONS	72	12		20	19		
GEORGIA	11 3440005 F01 MACON	72	14		15	13		
055 CHATTANOOGA (GA-TENN)			-- PRIORITY 2 --				AS OF OCTOBER 07, 1973	
GEORGIA	11 4390001 F01 ROME	72	15		23	23		
GEORGIA	11 4400002 F01 ROSSVILLE	72	15		19	13		
TENNESSEE	44 0380001 A01 CHATTANOOGA	72	25		92	50	.21	17
TENNESSEE	44 0380019 G01 CHATTANOOGA	72	17		13	13		
TENNESSEE	44 0380020 G01 CHATTANOOGA	72	121		50	45		
056 METROPOLITAN ATLANTA (GA)			-- PRIORITY 1 --				AS OF OCTOBER 07, 1973	
GEORGIA	11 0200001 A01 ATLANTA	72	29		50	49	.18	14
057 NORTHEAST GEORGIA			-- PRIORITY 3 --				AS OF OCTOBER 07, 1973	
GEORGIA	11 2280001 F01 GAINESVILLE	72	14		26	18		
058 SAVANNAH-BEAUFORT (GA-S.C.)			-- PRIORITY 1 --				AS OF OCTOBER 07, 1973	
GEORGIA	11 4500001 A01 SAVANNAH	72	27		49	14	.11	8
GEORGIA	11 4500001 F01 SAVANNAH	72	13		123	60		
SOUTH CAROLINA	42 0340001 F01 BEAUFORT	72	41		22	5		
SOUTH CAROLINA	42 0360001 F01 BEAUFORT COUNTY	72	40		2	2		
059 SOUTHWEST GEORGIA			-- PRIORITY 2 --				AS OF OCTOBER 07, 1973	
GEORGIA	11 0040002 F01 ALBANY	72	13		10	7		
GEORGIA	11 5220002 F01 VALDOSTA	72	15		20	18		
060 HAWAII			-- PRIORITY 3 --				AS OF OCTOBER 07, 1973	
HAWAII	12 0040001 F02 EWA	72	25		57	2		
HAWAII	12 0040002 F02 EWA	72	90		7	2		
HAWAII	12 0080001 A05 HAWAII COUNTY	72	14		7	5		
HAWAII	12 0080002 A05 HAWAII COUNTY	72	24		168	10		
HAWAII	12 0090001 A03 HAWAII VOLCANOES N P	72	23		71	68		
HAWAII	12 0100001 F01 HILO	72	46		15	12		
HAWAII	12 0120001 A01 HONOLULU	72	26		25	23	.16	13
HAWAII	12 0120001 F01 HONOLULU	72	113		35	34	.13	10
HAWAII	12 0120004 F01 HONOLULU	72	123		2	2	.03	2
HAWAII	12 0120005 F01 HONOLULU	72	114		11	7	.03	3
HAWAII	12 0160001 F01 KAHULUI	72	95		234	183	.39	31
HAWAII	12 0370001 F01 PEARL CITY	72	114		6	5	.03	3

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCEEDING 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTON			** PRIORITY IA **				AS OF OCTOBER 07, 1973	
WASHINGTON	49 2040001 A01 SPOKANE	72	24		19	15	.09	7
065 BURLINGTON-KEOKUK (ILL-IOWA)			** PRIORITY I **				AS OF OCTOBER 07, 1973	
ILLINOIS	14 6080001 A01 PEORIA	72	27		126	92	.35	28
067 METROPOLITAN CHICAGO (ILL-IND)			** PRIORITY I **				AS OF OCTOBER 07, 1973	
ILLINOIS	14 0500001 G01 BLUE ISLAND	72	83		102	95	-	
ILLINOIS	14 0780001 G01 CALUMET CITY	72	106		205	130	.28	22
ILLINOIS	14 1220001 A01 CHICAGO	72	30		233	176	.59	47
ILLINOIS	14 1220002 A01 CHICAGO	72	28		226	145	.60	48
ILLINOIS	14 1220003 H01 CHICAGO	72	103		99	89	.33	26
ILLINOIS	14 1220004 H01 CHICAGO	72	103		129	107	.52	42
ILLINOIS	14 1220005 H01 CHICAGO	72	102		172	170	.72	58
ILLINOIS	14 1220006 H01 CHICAGO	72	100		196	144	.53	43
ILLINOIS	14 1220007 H01 CHICAGO	72	103		112	107	.37	29
ILLINOIS	14 1220009 H01 CHICAGO	72	38		214	144	.31	25
ILLINOIS	14 1220010 H01 CHICAGO	72	103		130	123	.45	36
ILLINOIS	14 1220011 H01 CHICAGO	72	95		117	83	.30	24
ILLINOIS	14 1220012 H01 CHICAGO	72	95		125	125	.49	38
ILLINOIS	14 1220013 H01 CHICAGO	72	94		73	68	.33	27
ILLINOIS	14 1220015 H01 CHICAGO	72	101		191	115	.42	34
ILLINOIS	14 1220016 H01 CHICAGO	72	104		212	172	.48	39
ILLINOIS	14 1220017 H01 CHICAGO	72	91		123	120	-	
ILLINOIS	14 1220018 H01 CHICAGO	72	102		196	115	.45	36
ILLINOIS	14 1220019 H01 CHICAGO	72	103		172	125	.42	33
ILLINOIS	14 1220020 H01 CHICAGO	72	102		115	107	.43	34
ILLINOIS	14 1220021 H01 CHICAGO	72	104	1	400	172	.55	44
ILLINOIS	14 1220022 H01 CHICAGO	72	104		141	112	.54	43
ILLINOIS	14 1220025 H01 CHICAGO	72	104		280	120	.49	38
ILLINOIS	14 1220030 H01 CHICAGO	72	97		136	96	.36	29
ILLINOIS	14 1220031 H01 CHICAGO	72	90		120	115	.46	37
ILLINOIS	14 1220032 H01 CHICAGO	72	103		138	112	.33	26
ILLINOIS	14 1240001 G01 CHICAGO HEIGHTS	72	107		254	132	.40	32
ILLINOIS	14 1340001 G01 CICERO	72	107		231	156	.32	26
ILLINOIS	14 1540001 G01 COOK COUNTY	72	107		156	138	.18	14
ILLINOIS	14 3180001 G01 HARVEY	72	106		106	101	.20	16
ILLINOIS	14 3420001 G01 HILLSIDE	72	106		185	142	.25	20
ILLINOIS	14 4960001 G01 MAYWOOD	72	106		106	69	.19	15
ILLINOIS	14 5740001 G01 OAK PARK	72	105		151	102	.43	34
ILLINOIS	14 6000001 G01 PARK FOREST	72	105		100	99	.13	10
ILLINOIS	14 8360001 G01 WILMETTE	72	104		66	57	.10	8
INDIANA	15 0680001 F02 CHESTERTON	72	25		29	25		
INDIANA	15 1180001 A01 EAST CHICAGO	72	27		195	158	.73	58
INDIANA	15 1180001 F02 EAST CHICAGO	72	45		115	65	-	
INDIANA	15 1180003 F02 EAST CHICAGO	72	41		288	193	-	
INDIANA	15 1180004 F02 EAST CHICAGO	72	43		146	73	-	

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
INDIANA	15 1180006 F02 EAST CHICAGO	72	45		248	212		
INDIANA	15 1180007 F02 EAST CHICAGO	72	45		332	191		
INDIANA	15 1520001 A01 GARY	72	25		119	95	.47	39
INDIANA	15 1520001 F01 GARY	72	55	1	366	206		
INDIANA	15 1520002 F01 GARY	72	91		222	138		
INDIANA	15 1520003 F01 GARY	72	79		314	282		
INDIANA	15 1520004 F01 GARY	72	79	1	372	264		
INDIANA	15 1520005 F01 GARY	72	80		309	188		
INDIANA	15 1520008 F01 GARY	72	78		191	115		
INDIANA	15 1520009 F01 GARY	72	80		191	157		
INDIANA	15 1520011 F01 GARY	72	14		125	52		
INDIANA	15 1520013 F02 GARY	72	54	1	440	115		
INDIANA	15 1780001 A01 HAMMOND	72	27		235	197	.70	56
INDIANA	15 1780001 F01 HAMMOND	72	42		214	206		
INDIANA	15 1780002 F01 HAMMOND	72	51		204	175		
INDIANA	15 1780004 F01 HAMMOND	72	52	1	592	293		
INDIANA	15 1780005 F02 HAMMOND	72	49		238	117		
INDIANA	15 1780006 H01 HAMMOND	72	36		327	327		
INDIANA	15 1780007 H01 HAMMOND	72	36		172	138		
INDIANA	15 3420007 F02 PORTER COUNTY	72	24		113	59		
INDIANA	15 3420009 F02 PORTER COUNTY	72	15		25	13		
INDIANA	15 4200002 F02 VALPARAISO	72	23		42	37		
068 METROPOLITAN DUBUQUE (ILL-IOWA-WISC)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
IOWA	16 1260003 A01 DUBUQUE	72	27		78	70	.16	12
070 METROPOLITAN ST. LOUIS (ILL-MO)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
MISSOURI	26 4280001 A01 ST LOUIS	72	23		67	46		
MISSOURI	26 4280002 A01 ST LOUIS	72	29		162	119	.35	28
072 PADUCAH-CAIRO (ILL-KY)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 0100002 F01 BALLARD COUNTY	72	48		70	30	.13	8
KENTUCKY	18 0100003 F01 BALLARD COUNTY	72	48		223	169	.32	26
KENTUCKY	18 0560001 F01 CARLISLE COUNTY	72	48		66	36	.09	7
KENTUCKY	18 1360002 F01 HOPKINSVILLE	72	15		27	8		
KENTUCKY	18 2320001 F01 LIVINGSTON COUNTY	72	48		24	18		
KENTUCKY	18 2460001 F02 MCCRACKEN COUNTY	72	50		125	65		
KENTUCKY	18 2600002 F01 MARSHALL COUNTY	72	48		59	41	.15	12
KENTUCKY	18 2600008 F01 MARSHALL COUNTY	72	44		43	37	.15	13
KENTUCKY	18 2600009 F01 MARSHALL COUNTY	72	30		31	9	.15	12
KENTUCKY	18 2980001 F01 MURRAY KY	72	44		29	13		
KENTUCKY	18 3180001 F01 PADUCAH	72	45		53	51	.17	14
KENTUCKY	18 3180002 F01 PADUCAH	72	47		53	43	.12	9
KENTUCKY	18 3180003 F01 PADUCAH	72	45		53	31	.09	7
KENTUCKY	18 3180004 F01 PADUCAH	72	43		78	69	.18	14
KENTUCKY	18 3180005 F03 PADUCAH	72	33		49	34		
KENTUCKY	18 3180019 F01 PADUCAH	72	39		68	36		

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
073 ROCKFORD-JANESVILLE-BELOIT (ILL-WISC)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
ILLINOIS	14 6680001 A01 ROCKFORD	72	20		23	23	-	
075 WEST CENTRAL ILLINOIS			** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
NORTH CAROLINA	34 0340006 G02 BESSEMER CITY	72	15		84	23		
077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
INDIANA	15 1300001 A01 EVANSVILLE	72	26		97	94	.30	24
KENTUCKY	18 1580002 F01 HANCOCK COUNTY	72	47		104	71		
KENTUCKY	18 1580004 F01 HANCOCK COUNTY	72	15		74	54	-	
KENTUCKY	18 1740002 F01 HENDERSON	72	60	3	529	459	.85	68
KENTUCKY	18 1740003 F01 HENDERSON	72	59		282	133	.25	20
KENTUCKY	18 1740004 F01 HENDERSON	72	60		180	152	.38	30
KENTUCKY	18 1740005 F01 HENDERSON	72	59		115	97	.29	23
KENTUCKY	18 1740006 F01 HENDERSON	72	55		89	85	.35	28
KENTUCKY	18 3140001 F01 OWENSBORO	72	60		197	190	.51	41
KENTUCKY	18 3140002 F01 OWENSBORO	72	55		238	164	.41	33
KENTUCKY	18 3140003 F01 OWENSBORO	72	55		181	99	.32	25
KENTUCKY	18 3140005 F01 OWENSBORO	72	59		140	69	.29	23
KENTUCKY	18 3140006 F01 OWENSBORO	72	57		189	125	.35	28
078 LOUISVILLE (IND-KY)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
INDIANA	15 2980002 A01 NEW ALBANY	72	27		11	8	.05	4
KENTUCKY	18 1920013 G01 JEFFERSON COUNTY	72	19		133	74	-	
KENTUCKY	18 1920023 G01 JEFFERSON COUNTY	72	16		77	32	-	
KENTUCKY	18 1920024 G01 JEFFERSON COUNTY	72	12		86	64	-	
KENTUCKY	18 1920025 G01 JEFFERSON COUNTY	72	15		2	2	-	
KENTUCKY	18 2380002 A01 LOUISVILLE	72	20		106	103	-	
KENTUCKY	18 2380008 G01 LOUISVILLE	72	19		212	188	-	
KENTUCKY	18 2380009 G01 LOUISVILLE	72	20		215	145	-	
KENTUCKY	18 2380011 G01 LOUISVILLE	72	20		76	50	-	
KENTUCKY	18 2380012 G01 LOUISVILLE	72	36		2	2	-	
KENTUCKY	18 2380013 G01 LOUISVILLE	72	19		177	142	-	
KENTUCKY	18 2380014 G01 LOUISVILLE	72	15		25	25	-	
KENTUCKY	18 2380015 G01 LOUISVILLE	72	21		156	128	-	
KENTUCKY	18 3090001 G01 OKOLONA	72	15		25	25	-	
KENTUCKY	18 3360001 G01 PLEASURE RIDGE PARK	72	21		94	43	-	
KENTUCKY	18 3620001 G01 ST. MATTHEWS	72	36		2	2	-	
KENTUCKY	18 3720002 G01 SHIVELY	72	15		25	25	-	
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 0280002 F01 BOONE COUNTY	72	61		133	107	.25	20
KENTUCKY	18 0580001 F03 CARROLL COUNTY	72	59		59	58	.23	19
KENTUCKY	18 0600001 F01 CARROLLTON	72	59		81	63	.25	20
KENTUCKY	18 1140001 F01 FALMOUTH	72	11		52	38	-	
KENTUCKY	18 1220001 F01 FLORENCE	72	58		131	63	.28	23
KENTUCKY	18 1380001 F03 GALLATIN COUNTY	72	45		65	44	-	
KENTUCKY	18 3020001 F01 NEWPORT	72	60		57	57	.19	15

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
KENTUCKY	18 3120001 F01 OWEN COUNTY	72	10		80	49		
OHIO	36 1220001 A01 CINCINNATI	72	29		119	92	.29	23
OHIO	36 1220003 A01 CINCINNATI	72	28		93	97	.24	19
OHIO	36 1220018 H01 CINCINNATI	72	26		61	45		
OHIO	36 2165001 H01 FOREST PARK	72	25		42	35		
OHIO	36 2200002 H01 FRANKLIN	72	31		41	34		
OHIO	36 2700002 H01 HAMILTON	72	30		24	23		
OHIO	36 2720001 H01 HAMILTON COUNTY	72	30		91	51		
OHIO	36 2720003 H01 HAMILTON COUNTY	72	21		81	63		
OHIO	36 3400001 H01 LEBANON	72	28		54	26		
OHIO	36 3780001 H01 MADEIRA	72	31		62	44		
OHIO	36 4340001 H01 MIDDLETOWN	72	15		45	31		
OHIO	36 5300001 H01 OXFORD	72	31		30	25		
OHIO	36 5880001 H01 ST BERNARD	72	31		44	42		
080 METROPOLITAN INDIANAPOLIS (IND)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
INDIANA	15 2040001 A01 INDIANAPOLIS	72	23		106	34	.22	18
INDIANA	15 2040001 F01 INDIANAPOLIS	72	22	1	534	86		
INDIANA	15 2040001 H01 INDIANAPOLIS IND	72	15		147	140		
INDIANA	15 2040002 F01 INDIANAPOLIS	72	24		128	97		
INDIANA	15 2040002 H01 INDIANAPOLIS IND	72	18		123	74		
INDIANA	15 2040003 F01 INDIANAPOLIS	72	25		95	75		
INDIANA	15 2040003 H01 INDIANAPOLIS IND	72	20		155	102		
INDIANA	15 2040006 F01 INDIANAPOLIS	72	22		64	62		
INDIANA	15 2040006 H01 INDIANAPOLIS IND	72	18		239	138		
INDIANA	15 2040008 F01 INDIANAPOLIS	72	24		35	35		
INDIANA	15 2040008 H01 INDIANAPOLIS IND	72	20		103	75		
INDIANA	15 2040009 F01 INDIANAPOLIS	72	29		106	90		
INDIANA	15 2040009 H01 INDIANAPOLIS IND	72	15		118	72		
INDIANA	15 2040013 F01 INDIANAPOLIS	72	24		49	39		
INDIANA	15 2040013 H01 INDIANAPOLIS IND	72	19		69	22		
INDIANA	15 2040015 F01 INDIANAPOLIS	72	25		156	137		
INDIANA	15 2040015 H01 INDIANAPOLIS IND	72	20		101	31		
INDIANA	15 2040021 F01 INDIANAPOLIS	72	37	1	550	178		
INDIANA	15 2040025 F01 INDIANAPOLIS	72	44		230	135		
INDIANA	15 2040026 F01 INDIANAPOLIS	72	40		58	54		
081 NORTHEAST INDIANA			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
INDIANA	15 1380002 A01 FT. WAYNE	72	28		56	23	.15	12
082 SOUTH BEND-ELKHART-BENTON HARBOR (IND.-MICH)			** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
INDIANA	15 2740001 F01 MICHIGAN CITY	72	40	1	377	264		
INDIANA	15 2740002 F01 MICHIGAN CITY	72	24	1	445	248		
INDIANA	15 2740002 F02 MICHIGAN CITY	72	16		296	81		
INDIANA	15 2740003 F01 MICHIGAN CITY	72	16		154	70		
INDIANA	15 2740003 F02 MICHIGAN CITY	72	20		89	62		
INDIANA	15 3880002 A01 SOUTH BEND	72	26		152	66	.28	22
MICHIGAN	23 0460001 F01 BENTON HARBOR	72	58		120	80	.16	12

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
083 SOUTHERN INDIANA			** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
INDIANA	15 2800001 A03 MONROE COUNTY	72	23		71	23	*	
085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
NEBRASKA	28 1880001 A01 OMAHA	72	30		30	21	.12	9
092 SOUTH CENTRAL IOWA			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
IOWA	16 1180001 A01 DES MOINES	72	29		29	24	.09	7
094 METROPOLITAN KANSAS CITY (KAN-MO)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 1800002 A01 KANSAS CITY	72	27		38	37	.12	9
KANSAS	17 1300002 G01 KANSAS CITY	72	59		60	37	.09	7
KANSAS	17 1800004 G01 KANSAS CITY	72	58		69	60	.09	7
KANSAS	17 1800009 G01 KANSAS CITY KANSAS	72	59		74	61	.11	9
KANSAS	17 1980001 F01 LEAVENWORTH	72	55		247	45	.13	10
KANSAS	17 2660001 F01 OLATHE	72	10		20	20		
KANSAS	17 2780001 F01 OVERLAND PARK	72	47	1	385	17		
095 NORTHEAST KANSAS			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 0120001 F01 ATCHISON	72	19		7	2	-	
KANSAS	17 1960001 F01 LAWRENCE	72	57		74	30	.08	6
KANSAS	17 3380001 F01 SHAWNEE COUNTY	72	14		17	16	*	
KANSAS	17 3560001 A01 TOPEKA	72	25		20	12	.06	5
KANSAS	17 3560004 F01 TOPEKA	72	15		10	10	*	
KANSAS	17 3560005 F01 TOPEKA	72	14		13	12	*	
KANSAS	17 3560006 F01 TOPEKA	72	14		12	11	*	
096 NORTH CENTRAL KANSAS			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 2180001 F01 MCPHERSON	72	38	1	786	19	*	
097 NORTHWEST KANSAS			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 1240001 F01 GOODLAND	72	15		9	7	*	
KANSAS	17 1280001 F01 GRAHAM COUNTY	72	12		2	2	*	
098 SOUTHEAST KANSAS			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 0600001 F01 COFFEYVILLE	72	18		78	8	*	
KANSAS	17 1160001 F01 GALENA	72	22	1	411	13	*	
KANSAS	17 2100001 F01 LINN COUNTY	72	29		7	7	*	
099 SOUTH CENTRAL KANSAS			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 0100001 F01 ARKANSAS CITY	72	19		31	26	*	
KANSAS	17 0900001 F01 EL DORADO	72	34		12	8	*	
KANSAS	17 1640001 F01 HUTCHINSON	72	22		7	7	*	
KANSAS	17 3740001 A01 WICHITA	72	23		12	7	*	
KANSAS	17 3740004 F01 WICHITA	72	27		22	12	*	
KANSAS	17 3740005 F01 WICHITA	72	45		10	9	.04	3

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
100 SOUTHWEST KANSAS				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KANSAS	17 0800001 F01	DODGE CITY	72	41		223	13	*	
KANSAS	17 3600001 F01	ULYSSES	72	8		10	9	*	
101 APPALACHIAN (KY)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 3320001 F01	PIKEVILLE	72	16		36	24		
KENTUCKY	18 3400001 F01	PRESTONSBURG	72	15		22	18	*	
102 BLUEGRASS (KY)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 1280002 F01	FRANKFORT	72	9		71	45	*	
KENTUCKY	18 1320001 F03	FRANKLIN COUNTY	72	22		30	29	*	
KENTUCKY	18 2300001 A01	LEXINGTON	72	23		44	38	.12	9
KENTUCKY	18 2300003 F01	LEXINGTON	72	55		74	43	.18	14
103 HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON (KY-OH-W.VA)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 0080003 F01	ASHLAND	72	56		100	81	.24	19
KENTUCKY	18 0080005 F01	ASHLAND	72	59		144	103	.27	21
KENTUCKY	18 0080006 F01	ASHLAND	72	28		93	87	*	
KENTUCKY	18 0080007 F01	ASHLAND	72	64		122	60	.18	15
KENTUCKY	18 0660001 F01	CATLETTSBURG	72	58		110	73	.30	24
KENTUCKY	18 1540001 F01	GREENUP COUNTY	72	58		149	95	.29	23
KENTUCKY	18 2680003 F02	MAYSVILLE	72	46		117	97		
KENTUCKY	18 2680004 F01	MAYSVILLE	72	59		117	51	.20	16
KENTUCKY	18 2880001 F01	MOREHEAD	72	39		87	30	*	
104 NORTH CENTRAL KENTUCKY				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 1040002 F01	ELIZABETHTOWN	72	51		32	17	.07	5
105 SOUTH CENTRAL KENTUCKY				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
KENTUCKY	18 0320001 A01	BOWLING GREEN	72	19		76	20	*	
KENTUCKY	18 0320004 F01	BOWLING GREEN	72	50		117	51	.18	14
106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TEXA				** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
LOUISIANA	19 0080001 F01	ALEXANDRIA	72	53		125	51	.13	10
LOUISIANA	19 0280001 A01	BATON ROUGE	72	28		91	43	.15	12
LOUISIANA	19 0280003 F01	BATON ROUGE	72	18		33	31	*	
LOUISIANA	19 0820001 F01	DONALDSONVILLE	72	51		168	109	.23	18
LOUISIANA	19 1190001 F01	HARVEY	72	53		51	33	.15	12
LOUISIANA	19 1280001 A03	IBERVILLE PARISH	72	26		17	17	.08	6
LOUISIANA	19 1280002 F01	IBERVILLE PARISH	72	21		28	20	*	
LOUISIANA	19 1500001 F01	LAFAYETTE	72	45		174	49	*	
LOUISIANA	19 1600001 F01	LAKE CHARLES	72	53		174	109	.15	12
LOUISIANA	19 1600002 F01	LAKE CHARLES	72	47		45	41	.10	8
LOUISIANA	19 1870002 F01	METAIRIE	72	37		139	83	*	
LOUISIANA	19 2020002 A01	NEW ORLEANS	72	27		12	8	.05	4
LOUISIANA	19 2020002 F01	NEW ORLEANS	72	55		117	78	.19	15
LOUISIANA	19 3180002 F01	WESTLAKE	72	55		104	61	.12	9
TEXAS	45 0330001 A01	BEAUMONT	72	25		52	29	.09	7

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
107 ANDROSCOGGIN VALLEY (ME-N.H.)				** PRIORITY 1A **			AS OF OCTOBER 07, 1973	
NEW HAMPSHIRE	30 0140001 A03 COOS COUNTY	72	22		16	13	.	
109 DOWN EAST (ME)				** PRIORITY 1A **			AS OF OCTOBER 07, 1973	
MAINE	20 0010001 A03 ACADIA NATIONAL PARK	72	26		12	12	.07	6
110 METROPOLITAN PORTLAND (ME)				** PRIORITY 2 **			AS OF OCTOBER 07, 1973	
MAINE	20 0160001 F01 BIDDEFORD	72	7		47	35	.	
MAINE	20 0960005 F01 PORTLAND	72	43		33	30	.10	8
MAINE	20 0960006 F01 PORTLAND	72	29		72	72	.	
MAINE	20 1140001 F01 SOUTH PORTLAND	72	21		21	12	.	
MAINE	20 1140002 F01 SOUTH PORTLAND	72	20		77	69	.	
112 CENTRAL MARYLAND				** PRIORITY 2 **			AS OF OCTOBER 07, 1973	
MARYLAND	21 0720001 F01 FREDERICK	72	54		95	88	.29	23
MARYLAND	21 0720003 G01 FREDERICK	72	49		75	55	.23	19
MARYLAND	21 0720004 G01 FREDERICK	72	51		83	39	.17	14
MARYLAND	21 0740021 F01 FREDERICK COUNTY	72	42		84	41	.	
MARYLAND	21 0740022 G01 FREDERICK COUNTY	72	37		50	27	.	
MARYLAND	21 0740023 G01 FREDERICK COUNTY	72	15		13	10	.	
113 CUMBERLAND-KEYSER (MD-W. VA.)				** PRIORITY 1 **			AS OF OCTOBER 07, 1973	
MARYLAND	21 0040002 G01 ALLEGANY COUNTY	72	25		57	52	.	
MARYLAND	21 0560001 G01 CUMBERLAND	72	47		97	73	.25	20
MARYLAND	21 0800003 F03 GARRETT COUNTY	72	17		46	29	.	
MARYLAND	21 0860002 F01 HAGERSTOWN	72	42		150	81		
MARYLAND	21 1700003 F01 WESTERNPORT	72	24		138	106	.	
114 EASTERN SHORE (MD)				** PRIORITY 3 **			AS OF OCTOBER 07, 1973	
MARYLAND	21 0300001 F01 CAMBRIDGE	72	53		74	35	.16	13
MARYLAND	21 0660001 F01 ELKTON	72	58		176	70	.24	19
MARYLAND	21 1420002 F01 SALISBURY	72	52		59	33	.12	9
MARYLAND	21 1740001 F03 WICOMOCO COUNTY	72	15		21	14	.	
115 METROPOLITAN BALTIMORE (MD)				** PRIORITY 1 **			AS OF OCTOBER 07, 1973	
MARYLAND	21 0080002 G01 ANNE ARUNDEL COUNTY	72	57		84	73	.22	18
MARYLAND	21 0080006 G01 ANNE ARUNDEL COUNTY	72	53		106	100	.23	19
MARYLAND	21 0080008 G01 ANNE ARUNDEL COUNTY	72	30		36	26	.	
MARYLAND	21 0120001 A01 BALTIMORE	72	28		125	110	.60	48
MARYLAND	21 0120015 F01 BALTIMORE	72	46		128	77	.28	22
MARYLAND	21 0120016 F01 BALTIMORE	72	54		40	33	.08	6
MARYLAND	21 0120020 K05 BALTIMORE	72	46		121	118	.45	36
MARYLAND	21 0120021 G01 BALTIMORE	72	45		26	14	.05	4
MARYLAND	21 0140004 G01 BALTIMORE COUNTY	72	51		83	69	.30	24
MARYLAND	21 0180001 F01 BEL AIR	72	53		64	61	.18	14
MARYLAND	21 0500001 G01 COCKEYSVILLE	72	44		143	35	.14	11
MARYLAND	21 0620001 F01 DUNDALK	72	52		86	82	.38	31

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL	
								1ST	2ND	RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
MARYLAND	21	0920002	F01	HARFORD COUNTY	72	50		23	21	.06	4
MARYLAND	21	0960001	F01	HOWARD COUNTY	72	9		71	68		
MARYLAND	21	0960003	F01	HOWARD COUNTY	72	53		78	53	.12	9
MARYLAND	21	1040001	F01	LANSDOWNE	72	52		156	91	.31	25
MARYLAND	21	1720002	F01	WESTMINSTER	72	44		50	49	.13	10
						** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
116 SOUTHERN MARYLAND											
MARYLAND	21	0280001	A03	CALVERT COUNTY	72	25		21	13	-	
MARYLAND	21	0280002	F01	CALVERT COUNTY	72	54		87	43	.16	13
MARYLAND	21	0440001	F01	CHARLES COUNTY	72	42		38	38	-	
						** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
117 BERKSHIRE (MASS)											
MASSACHUSETTS	22	0020001	F01	ADAMS	72	125		39	36	.11	8
MASSACHUSETTS	22	1020001	F01	LEE	72	124		23	23	.08	6
MASSACHUSETTS	22	1580001	F01	NORTH ADAMS	72	125		83	73	.20	16
MASSACHUSETTS	22	1800001	F01	PITTSFIELD	72	107		81	39	.13	10
MASSACHUSETTS	22	1800002	F01	PITTSFIELD	72	123		93	81	.33	26
MASSACHUSETTS	22	1800003	F01	PITTSFIELD	72	121		94	81	.20	16
						** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
118 CENTRAL MASSACHUSETTS											
MASSACHUSETTS	22	0620001	F01	FITCHBURG	72	64		191	96	.36	29
MASSACHUSETTS	22	2640004	F01	WORCESTER	72	149		191	180	.48	38
MASSACHUSETTS	22	2640008	F01	WORCESTER	72	174		209	120	.30	24
						** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
119 METROPOLITAN BOSTON (MASS)											
MASSACHUSETTS	22	0240001	A01	BOSTON	72	19		80	34	-	
MASSACHUSETTS	22	0240001	F01	BOSTON	72	39		94	75	-	
MASSACHUSETTS	22	0240002	F01	BOSTON	72	230		256	220	.84	67
MASSACHUSETTS	22	0240012	F01	BOSTON	72	49		175	154	.39	31
MASSACHUSETTS	22	0240013	F01	BOSTON	72	52		136	120	.43	34
MASSACHUSETTS	22	0240014	F01	BOSTON	72	70		151	120	-	
MASSACHUSETTS	22	0340001	F01	BROOKLINE	72	45		128	102	.27	21
MASSACHUSETTS	22	0360001	A01	CAMBRIDGE	72	17		42	35	-	
MASSACHUSETTS	22	0360001	F01	CAMBRIDGE	72	50		107	73	.25	20
MASSACHUSETTS	22	0360004	F01	CAMBRIDGE	72	74		149	128	-	
MASSACHUSETTS	22	0660001	F01	FRAMINGHAM	72	57		73	73	.21	16
MASSACHUSETTS	22	1100001	F01	LYNN	72	46		70	60	.31	25
MASSACHUSETTS	22	1160001	F01	MARBLEHEAD	72	54		68	62	.20	16
MASSACHUSETTS	22	1200001	F01	MAYNARD	72	53		26	26	.11	8
MASSACHUSETTS	22	1220002	F01	MEDFORD	72	48		96	78	.26	21
MASSACHUSETTS	22	1220003	F01	MEDFORD	72	183		151	146	-	
MASSACHUSETTS	22	1480002	F01	NEEDHAM	72	53		96	52	.12	9
MASSACHUSETTS	22	1700001	F01	NORWOOD	72	54		75	68	.21	17
MASSACHUSETTS	22	1880001	F01	QUINCY	72	53		196	162	.49	39
MASSACHUSETTS	22	1940002	F01	REVERE	72	50		206	191	.48	38
MASSACHUSETTS	22	2340003	F01	WALTHAM	72	49		167	68	.13	11
MASSACHUSETTS	22	2620002	F01	WOBURN	72	54		83	31	.15	12
MASSACHUSETTS	22	2640001	A01	WORCESTER	72	29		167	159	.65	52

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
120 METROPOLITAN PROVIDENCE (MASS-R.I.)						** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
MASSACHUSETTS	22	0120002	F01	ATTLEBORO	72	52		183	159	.25	20
MASSACHUSETTS	22	0580003	F01	FALL RIVER	72	47		70	65	.18	14
MASSACHUSETTS	22	0600001	F01	FALMOUTH	72	53		31	28	.10	8
MASSACHUSETTS	22	1500002	F01	NEW BEDFORD	72	51		65	52	.20	16
MASSACHUSETTS	22	1820001	F01	PLYMOUTH	72	53		52	49	.16	13
RHODE ISLAND	41	0090001	F01	CHARLESTOWN	72	54		84	84	.31	25
RHODE ISLAND	41	0100001	F01	CRANSTON	72	56		94	83	.36	29
RHODE ISLAND	41	0120003	F01	EAST PROVIDENCE	72	23		193	111	*	
RHODE ISLAND	41	0120004	F01	EAST PROVIDENCE	72	29		151	98	-	
RHODE ISLAND	41	0140001	F01	KENT COUNTY	72	57		87	84	.30	24
RHODE ISLAND	41	0180001	F01	NEWPORT	72	55		145	124	.42	33
RHODE ISLAND	41	0230002	F01	NORTH KINGSTOWN	72	60		76	69	.26	21
RHODE ISLAND	41	0280002	F01	PAWTUCKET	72	57		168	87	.43	34
RHODE ISLAND	41	0300001	A01	PROVIDENCE	72	28		130	130	.27	22
RHODE ISLAND	41	0300005	F01	PROVIDENCE	72	58		237	219	.55	44
RHODE ISLAND	41	0300006	F01	PROVIDENCE	72	59		290	235	.79	63
RHODE ISLAND	41	0300007	F01	PROVIDENCE	72	49		237	236	.80	64
RHODE ISLAND	41	0360002	F01	WARWICK	72	54		345	147	.41	33
RHODE ISLAND	41	0380002	A03	WASHINGTON COUNTY	72	24		8	7	.05	4
RHODE ISLAND	41	0380005	F01	WASHINGTON COUNTY	72	18		78	68	*	
RHODE ISLAND	41	0400002	F01	WESTERLY	72	56		113	97	.29	23
RHODE ISLAND	41	0400003	F01	WESTERLY	72	58		89	79	.35	28
RHODE ISLAND	41	0460001	F01	WOONSOCKET	72	53		129	106	.34	27
121 MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE (MASS-N.H.						** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
MASSACHUSETTS	22	0140001	F01	AYER	72	11		28	13	*	
MASSACHUSETTS	22	0226001	F01	BILLERICA	72	15		13	13	*	
MASSACHUSETTS	22	0840001	F01	HAVERHILL	72	66		65	60	.15	12
MASSACHUSETTS	22	1000002	F01	LAWRENCE	72	58		293	120	*	
MASSACHUSETTS	22	1080001	F01	LOWELL	72	62	1	413	68	.16	13
MASSACHUSETTS	22	1080002	F01	LOWELL	72	24		13	10	*	
MASSACHUSETTS	22	1520001	F01	NEWBURYPORT	72	69		233	204	.37	30
NEW HAMPSHIRE	30	0420004	F01	MANCHESTER	72	22		122	122	-	
NEW HAMPSHIRE	30	0480005	F01	NASHUA	72	15		59	58	*	
NEW HAMPSHIRE	30	0540005	F01	PORTSMOUTH	72	31		232	126	.70	56
122 CENTRAL MICHIGAN						** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
MICHIGAN	23	0420001	F01	BAY CITY	72	41		90	55	*	
MICHIGAN	23	1580001	A01	FLINT	72	26		71	64	.24	19
MICHIGAN	23	1580006	F01	FLINT	72	39		60	60	*	
MICHIGAN	23	1580008	F01	FLINT	72	41		48	41	*	
MICHIGAN	23	1820001	A01	GRAND RAPIDS	72	27		27	19	.11	9
MICHIGAN	23	1820002	F01	GRAND RAPIDS	72	54		47	42	.17	13
MICHIGAN	23	3740017	F01	MUSKEGON	72	14		83	70	*	
MICHIGAN	23	3740019	F01	MUSKEGON	72	37		42	40	.16	13
MICHIGAN	23	4760001	A01	SAGINAW	72	27		38	20	.12	9

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
123 METROPOLITAN DETROIT-PORT HURON (MICH)				** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
MICHIGAN	23 1140001 A01	DEARBORN	72	27		74	41	.16	13
MICHIGAN	23 1190001 A01	DETROIT	72	30		170	119	.53	43
MICHIGAN	23 1190016 F01	DETROIT	72	55		216	194	.74	59
MICHIGAN	23 1190018 F01	DETROIT	72	56		308	196	.57	46
MICHIGAN	23 3660001 F01	MT CLEMENS	72	15		56	41	-	
MICHIGAN	23 4320002 F01	PONTIAC	72	47		94	54	.19	15
MICHIGAN	23 4880001 F01	SOUTHFIELD	72	57		55	35	.08	6
MICHIGAN	23 5260001 F01	WARREN	72	47		134	124	.29	23
124 METROPOLITAN TOLEDO (MICH-OHIO)				** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
MICHIGAN	23 3580020 F01	MONROE	72	54		169	102	.34	27
MICHIGAN	23 3600008 F01	MONROE COUNTY	72	12		29	25	-	
OHIO	36 6600001 A01	TOLEDO	72	27		113	54	.18	15
125 SOUTH CENTRAL MICHIGAN				** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
MICHIGAN	23 2640002 F01	KALAMAZOO	72	59		43	39	.09	7
MICHIGAN	23 2840001 A01	LANSING	72	26		62	55	.30	24
126 UPPER MICHIGAN				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
MICHIGAN	23 3260005 F01	MARQUETTE	72	55		131	116	.28	23
MICHIGAN	23 4060001 F01	ONTONAGON COUNTY	72	54		134	55	.11	9
127 CENTRAL MINNESOTA				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
MINNESOTA	24 3220019 H01	ST CLOUD	72	11		96	75	-	
MINNESOTA	24 3220019 H05	ST. CLOUD	72	12		60	57	-	
128 SOUTHEAST MINNESOTA-LA CROSSE (MINN-WISC)				** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
MINNESOTA	24 3120001 G01	ROCHESTER	72	21		94	60		
MINNESOTA	24 3120016 G01	ROCHESTER	72	63		94	94	-	
129 DULUTH-SUPERIOR (MINN-WISC)				** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
MINNESOTA	24 1040001 A01	DULUTH	72	25		66	40	.17	13
130 METROPOLITAN FARGO-MOORHEAD (MINN-N.D.)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
MINNESOTA	24 2320003 F01	MOORHEAD	72	15		39	20	-	
131 MINNEAPOLIS-ST. PAUL (MINN)				** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
MINNESOTA	24 0940020 F02	DAKOTA COUNTY	72	17	1	400	125	-	
MINNESOTA	24 2260001 A01	MINNEAPOLIS	72	26		51	11	08	6
MINNESOTA	24 3080001 H02	RICHFIELD	72	23		55	31	-	
MINNESOTA	24 3280006 F01	ST LOUIS PARK	72	17		81	44	-	
MINNESOTA	24 3300001 A01	ST PAUL	72	29		143	71	.22	17
MINNESOTA	24 3300001 H01	ST PAUL	72	36		172	146	-	
MINNESOTA	24 3300003 H01	ST PAUL	72	18		186	115	-	
MINNESOTA	24 3300013 H01	ST PAUL	72	18		180	159	-	

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
MINNESOTA	24 3300018 H01 ST PAUL	72	19		55	52		
MINNESOTA	24 3300021 H01 ST PAUL	72	18		115	89	.	
136 NORTHERN PIEDMONT (N.C.)			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
NORTH CAROLINA	34 0160001 F01 ASHEBORO	72	35		220	103	.30	24
NORTH CAROLINA	34 0440001 F02 BURLINGTON	72	33		71	56	.17	14
NORTH CAROLINA	34 1275001 F02 EDEN	72	25		19	9		
NORTH CAROLINA	34 1430001 G01 FORSYTH COUNTY	72	53		30	28	.09	7
NORTH CAROLINA	34 1480002 G01 FORSYTH COUNTY	72	41		17	16	.07	6
NORTH CAROLINA	34 1490003 G01 FORSYTH COUNTY	72	51		27	26	.09	7
NORTH CAROLINA	34 1640001 F02 GRAHAM	72	21		51	29		
NORTH CAROLINA	34 1740001 A01 GREENSBORO	72	26		37	31	.10	8
NORTH CAROLINA	34 1740003 G01 GREENSBORO	72	50		24	24	.	
NORTH CAROLINA	34 2000002 G02 HIGH POINT	72	51		70	60		
NORTH CAROLINA	34 2180001 G01 KERNERSVILLE	72	48		23	23	.09	7
NORTH CAROLINA	34 2340001 F02 LEXINGTON	72	22		55	43	.	
NORTH CAROLINA	34 2760001 F02 MOUNT AIRY	72	6		2[illegible]	19		
NORTH CAROLINA	34 3300001 F01 REIDSVILLE	72	6		2[illegible]	28		
NORTH CAROLINA	34 4020001 F02 THOMASVILLE	72	36		85	31	.17	13
NORTH CAROLINA	34 4460002 A01 WINSTON-SALEM	72	23		15	14		
NORTH CAROLINA	34 4460002 F02 WINSTON-SALEM	72	45		39	26	.11	9
NORTH CAROLINA	34 4460003 G02 WINSTON-SALEM	72	55		41	[illegible]	.17	14
NORTH CAROLINA	34 4460005 G01 WINSTON-SALEM	72	48		41	[illegible]	.0[illegible]	7
NORTH CAROLINA	34 4460006 G01 WINSTON-SALEM	72	47		62	47	.14	11
NORTH CAROLINA	34 4460007 G01 WINSTON-SALEM	72	43		41	26	.12	10
NORTH CAROLINA	34 4460009 F02 WINSTON-SALEM	72	50		70	44	.15	12
NORTH CAROLINA	34 4460011 G01 WINSTON-SALEM	72	47		27	27	.13	11
139 SOUTHWEST MISSOURI			PRIORITY 3			AS OF OCTOBER 07, 1973		
MISSOURI	26 4480002 A03 SHANNON COUNTY	72	25		15	12		
141 GREAT FALLS (MONT)			PRIORITY IA			AS OF OCTOBER 07, 1973		
MONTANA	27 0570001 A03 GLACIER NATIONAL PARK	72	24		13	7	.05	4
145 LINCOLN-BEATRICE-FAIRBURY (NEB)			PRIORITY 3			AS OF OCTOBER 07, 1973		
NEBRASKA	28 1560002 A01 LINCOLN	72	25	1	470	221	.52	41
147 NEVADA (REMAINDER)			** PRIORITY IA			AS OF OCTOBER 07, 1973		
NEVADA	29 0160001 F01 ELY	72	12		131	127		
NEVADA	29 0560002 F02 WHITE PINE COUNTY	72	14	4	941	431		
NEVADA	29 0560003 F02 WHITE PINE COUNTY	72	13	1	416	226		
151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
PENNSYLVANIA	39 0120001 A01 ALLENTOWN	72	25		95	71	.17	13
PENNSYLVANIA	39 7620001 A01 READING	72	25		141	134	.52	42
PENNSYLVANIA	39 3040001 A01 SCRANTON	72	25		93	41	.31	25

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
NEW MEXICO 32 0040001 A01 ALBUQUERQUE	72	25		56	10	.09	7
153 EL PASO-LAS CRUCES-ALAMAGORDO (N. MEX-TEX)		** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
NEW MEXICO 32 0580001 F01 LAS CRUCES	72	10		18	18	*	
TEXAS 45 1700002 A01 EL PASO	72	24		119	93	*	
157 UPPER RIO GRANDE VALLEY (N. MEX)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
NEW MEXICO 32 1040002 F01 SANTA FE	72	5		5	2	*	
158 CENTRAL NEW YORK		** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
NEW YORK 33 3340001 A03 JEFFERSON COUNTY	72	27		14	13	.07	5
NEW YORK 33 6620001 A01 SYRACUSE	72	25		24	9	*	
NEW YORK 33 6880001 A01 UTICA	72	29		67	59	.21	17
160 GENESEE-FINGER LAKES (N.Y.)		** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
NEW YORK 33 0550001 F01 BRIGHTON	72	34		79	60	*	
NEW YORK 33 2650001 F01 GREECE	72	31		288	73	*	
NEW YORK 33 3250001 F01 IRONDEQUOIT	72	37		222	183	*	
NEW YORK 33 4380001 F01 MONROE COUNTY	72	35		107	104	*	
NEW YORK 33 5760001 A01 ROCHESTER	72	28		71	60	.17	13
NEW YORK 33 5760001 F01 ROCHESTER	72	37		309	138	*	
NEW YORK 33 5760002 F01 ROCHESTER	72	37		183	130		
NEW YORK 33 5760003 F01 ROCHESTER	72	38		159	123	*	
NEW YORK 33 5760005 F01 ROCHESTER	72	37		70	68	*	
161 HUDSON VALLEY (N.Y.)		** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
NEW YORK 33 0040001 A01 ALBANY	72	29		153	136	.64	51
NEW YORK 33 0040001 F01 ALBANY	72	37		217	151	*	
NEW YORK 33 0040002 F01 ALBANY	72	26		175	167	*	
NEW YORK 33 3500002 F01 KINGSTON	72	14		125	36	*	
162 NIAGARA FRONTIER (N.Y.)		** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
NEW YORK 33 0660001 A01 BUFFALO	72	24		27	21	.09	6
NEW YORK 33 0660003 F01 BUFFALO	72	22		104	91	*	
NEW YORK 33 0660008 F01 BUFFALO	72	11		26	2	*	
NEW YORK 33 1020001 F01 CHEEKTOWAGA NW	72	23		78	39	*	
NEW YORK 33 3760002 F01 LEWISTON (T)	72	39		201	178	*	
NEW YORK 33 3920010 F01 LOCKPORT	72	40		165	130	*	
NEW YORK 33 4740001 A01 NIAGARA FALLS	72	28		116	104	.37	30
NEW YORK 33 4740001 F01 NIAGARA FALLS	72	134		343	204	*	
NEW YORK 33 4740006 F01 NIAGARA FALLS	72	40		348	303	*	
NEW YORK 33 4900005 F01 NORTH TONAWANDA	72	40		167	165	*	
NEW YORK 33 6760003 F01 TONAWANDA	72	22		65	26	*	

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION				YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
165 EASTERN MOUNTAIN (N.C.)					** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
NORTH CAROLINA	34	0090001 G01	ALEXANDER COUNTY	72	13		13	12	*	
NORTH CAROLINA	34	0400001 F02	BOONE	72	30		125	124	*	
NORTH CAROLINA	34	0660001 G01	CATAWBA COUNTY	72	15		16	13	*	
NORTH CAROLINA	34	0840012 G01	CLEVELAND COUNTY	72	39		30	15	*	
NORTH CAROLINA	34	0840013 G02	CLEVELAND COUNTY	72	40		30	20	*	
NORTH CAROLINA	34	0840014 G02	CLEVELAND COUNTY	72	15		7	7	*	
NORTH CAROLINA	34	0910001 G01	CONOVER	72	15		28	14	*	
NORTH CAROLINA	34	1460001 F01	FOREST CITY	72	29		111	94	*	
NORTH CAROLINA	34	2200001 G01	KINGS MOUNTAIN	72	46		12	11	*	
NORTH CAROLINA	34	2490001 F02	MCDOWELL COUNTY	72	51		147	130	.70	56
NORTH CAROLINA	34	2540001 F01	MARION	72	40		99	72	*	
NORTH CAROLINA	34	2740001 G02	MORGANTON	72	5		14	5	*	
NORTH CAROLINA	34	2900001 G01	NEWTON	72	14		32	31	*	
NORTH CAROLINA	34	3200001 F01	POLK COUNTY	72	38		69	62	*	
NORTH CAROLINA	34	3660001 G01	SHELBY	72	45		11	10	*	
NORTH CAROLINA	34	3880001 F02	SPRUCE PINE	72	35		74	51	*	
NORTH CAROLINA	34	4360001 F01	WILKES COUNTY	72	36		67	46	*	
NORTH CAROLINA	34	4500002 F01	YANCEY COUNTY	72	35		59	52	*	
166 EASTERN PIEDMONT (N.C.)					** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
NORTH CAROLINA	34	0680003 F01	CHAPEL HILL	72	28		131	131	*	
NORTH CAROLINA	34	0720001 F01	CHATHAM COUNTY	72	31	1	446	187	*	
NORTH CAROLINA	34	1160001 A01	DURHAM	72	26		29	24	.09	7
NORTH CAROLINA	34	1160001 G01	DURHAM	72	26		39	27	*	
NORTH CAROLINA	34	1160002 G01	DURHAM	72	46		27	27	*	
NORTH CAROLINA	34	1880001 F01	HENDERSON	72	25		84	70	*	
NORTH CAROLINA	34	3040001 F02	OXFORD	72	21		72	68	*	
NORTH CAROLINA	34	3240002 F01	RALEIGH	72	31		51	42	*	
NORTH CAROLINA	34	3240003 F01	RALEIGH	72	24		49	27	*	
NORTH CAROLINA	34	3360001 F02	ROANOKE RAPIDS	72	31	1	578	342	*	
NORTH CAROLINA	34	3440001 F01	ROCKY MOUNT	72	23		118	109	*	
NORTH CAROLINA	34	3480001 F02	ROXBORO	72	33	1	778	252	*	
NORTH CAROLINA	34	3490002 F02	ROXBORO	72	12		78	64	*	
NORTH CAROLINA	34	3580001 F01	SANFORD	72	34		58	48	.19	15
NORTH CAROLINA	34	3700001 F01	SMITHFIELD	72	26		356	148	*	
NORTH CAROLINA	34	4420001 F02	WILSON	72	30		239	110	.39	31
167 METROPOLITAN CHARLOTTE (N.C.-S.C.)					** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
NORTH CAROLINA	34	0060001 F01	ALBEMARLE	72	22		31	30	*	
NORTH CAROLINA	34	0300001 G02	BELMONT	72	15		47	18	*	
NORTH CAROLINA	34	0700001 A01	CHARLOTTE	72	26		15	13	.07	5
NORTH CAROLINA	34	0700004 G01	CHARLOTTE	72	46		33	28	.12	9
NORTH CAROLINA	34	0700005 G01	CHARLOTTE NC	72	14		20	15	*	
NORTH CAROLINA	34	0700006 G01	CHARLOTTE	72	52		37	26	.16	12
NORTH CAROLINA	34	0700007 G01	CHARLOTTE	72	29		44	28	*	
NORTH CAROLINA	34	0700008 G01	CHARLOTTE	72	49		108	65	.19	15
NORTH CAROLINA	34	0700009 G02	CHARLOTTE	72	23	8	*	*	*	

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
NORTH CAROLINA 34 0700011 G01 CHARLOTTE	72	43		203	130	.37	29
NORTH CAROLINA 34 0760001 G01 CHERRYVILLE NC	72	30		18	15	*	
NORTH CAROLINA 34 0760002 G01 CHERRYVILLE	72	15		11	6	*	
NORTH CAROLINA 34 0900001 F01 CONCORD	72	33		44	32	*	
NORTH CAROLINA 34 1000003 G01 DALLAS	72	50		24	13	.05	4
NORTH CAROLINA 34 1040001 G01 DAVIDSON	72	46		60	44	.14	11
NORTH CAROLINA 34 1580002 G02 GASTONIA	72	15		24	5	*	
NORTH CAROLINA 34 2060001 F02 IREDELL COUNTY	72	31		79	56	*	
NORTH CAROLINA 34 2160001 F02 KANNAPOLIS	72	21		76	16	*	
NORTH CAROLINA 34 2380001 F01 LINCOLNTON	72	17		7	5	*	
NORTH CAROLINA 34 2380002 F01 LINCOLNTON	72	25		70	33	*	
NORTH CAROLINA 34 2580001 G01 MECKLENBURG COUNTY	72	7		12	10	*	
NORTH CAROLINA 34 2640001 F01 MONROE	72	36		86	78	.20	16
NORTH CAROLINA 34 2780001 G02 MT. HOLLY	72	15		37	25	*	
NORTH CAROLINA 34 3460019 G01 ROWAN COUNTY	72	26		54	27	*	
NORTH CAROLINA 34 3540001 G01 SALISBURY	72	126		81	54	*	
NORTH CAROLINA 34 3540002 G01 SALISBURY	72	25		81	54	*	
NORTH CAROLINA 34 3920001 F01 STATESVILLE	72	28		56	41	*	
SOUTH CAROLINA 42 1440001 F01 LANCASTER	72	54		54	42	.12	10
SOUTH CAROLINA 42 1920001 F01 ROCK HILL	72	57		82	78	.17	14
SOUTH CAROLINA 42 2420001 F01 YORK	72	54		47	44	.12	10
SOUTH CAROLINA 42 2440001 F01 YORK COUNTY	72	57		93	62	.13	10
168 NORTHERN COASTAL PLAIN (N.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
NORTH CAROLINA 34 0020001 F01 AHOSKIE	72	26		26	19	*	
NORTH CAROLINA 34 0280001 F02 BEAUFORT COUNTY	72	31		27	14	*	
NORTH CAROLINA 34 0320001 F02 BERTIE COUNTY	72	38		48	30		
NORTH CAROLINA 34 0590001 A03 CAPE HATTERAS NAT SEA	72	22		19	12	.06	5
NORTH CAROLINA 34 1280001 F01 EDENTON	72	32		14	10	*	
NORTH CAROLINA 34 1320001 F01 ELIZABETH CITY	72	29		5	5	*	
NORTH CAROLINA 34 1400001 F02 FARMVILLE	72	32		27	21	*	
NORTH CAROLINA 34 1600001 F02 GATES COUNTY	72	5		5	5	*	
NORTH CAROLINA 34 1760001 F01 GREENVILLE	72	11		36	33	*	
NORTH CAROLINA 34 1940001 F02 HERTFORD COUNTY	72	26		6	5	*	
NORTH CAROLINA 34 1940002 F02 HERTFORD COUNTY	72	36		26	18	.07	5
NORTH CAROLINA 34 3160001 F02 PLYMOUTH	72	33		15	13	*	
NORTH CAROLINA 34 4220001 F01 WASHINGTON	72	33		23	17	*	
169 SANDHILLS (N.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
NORTH CAROLINA 34 1120001 F01 DUNN	72	35		143	108	.35	28
NORTH CAROLINA 34 1420002 F01 FAYETTEVILLE	72	35		100	93	.24	19
NORTH CAROLINA 34 1420003 F02 FAYETTEVILLE	72	11		90	36	*	
NORTH CAROLINA 34 2240001 F01 LAURINBURG	72	40		97	77	.22	17
NORTH CAROLINA 34 2460001 F01 LUMBERTON	72	34		130	66	.20	16
NORTH CAROLINA 34 3400001 F02 ROCKINGHAM	72	20		99	91	*	
NORTH CAROLINA 34 3720001 F01 SOUTHERN PINES	72	32		105	93	.27	21

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
								1ST	2ND		
170 SOUTHERN COASTAL PLAIN (N.C.)						** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
NORTH CAROLINA	34	0460001	F02	BRUNSWICK COUNTY	72	39		29	21		
NORTH CAROLINA	34	0830001	F02	COLUMBUS COUNTY	72	19		37	27		
NORTH CAROLINA	34	0830002	F02	COLUMBUS COUNTY	72	42		30	71	.15	12
NORTH CAROLINA	34	0940001	F02	CRAVEN COUNTY	72	35		36	22		
NORTH CAROLINA	34	1140001	F01	DUPLIN COUNTY	72	36		6	6	.	
NORTH CAROLINA	34	1620002	F01	GOLDSBORO	72	47		57	47	.16	13
NORTH CAROLINA	34	2100001	F01	JACKSONVILLE	72	8		10	2		
NORTH CAROLINA	34	2100002	F01	JACKSONVILLE	72	35		10	5		
NORTH CAROLINA	34	2220001	F02	KINSTON	72	43		31	11	.06	5
NORTH CAROLINA	34	2720001	F02	MOREHEAD CITY	72	36		159	149	.42	34
NORTH CAROLINA	34	2860001	F01	NEW BERN	72	31		14	5		
NORTH CAROLINA	34	4340001	F01	WHITEVILLE	72	46		59	16	.08	6
NORTH CAROLINA	34	4400002	F01	WILMINGTON	72	50		46	46	.16	13
NORTH CAROLINA	34	4400003	F01	WILMINGTON	72	36		87	62	.	
NORTH CAROLINA	34	4400004	F02	WILMINGTON	72	46		169	78	.22	17
171 WESTERN MOUNTAIN (N.C.)						** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
NORTH CAROLINA	34	0180002	I01	ASHEVILLE	72	22		10	5		
NORTH CAROLINA	34	0180004	I02	ASHEVILLE	72	22		29	21		
NORTH CAROLINA	34	0180005	I01	ASHEVILLE	72	22		19	19		
NORTH CAROLINA	34	0420001	F02	BREVARD	72	36		44	38		
NORTH CAROLINA	34	0480021	I01	BUNCOMBE COUNTY	72	24		13	9		
NORTH CAROLINA	34	0480023	I02	BUNCOMBE COUNTY	72	23		31	5		
NORTH CAROLINA	34	0580001	I02	CANTON	72	28		214	124	.	
NORTH CAROLINA	34	0740001	F02	CHEROKEE COUNTY	72	5		137	42		
NORTH CAROLINA	34	1860006	I02	HAYWOOD COUNTY	72	16		11	8	.	
NORTH CAROLINA	34	1920001	F01	HENDERSONVILLE	72	12		70	39	.	
NORTH CAROLINA	34	1920002	F01	HENDERSONVILLE	72	29		117	117	.	
NORTH CAROLINA	34	1920003	F02	HENDERSONVILLE	72	10		65	63		
NORTH CAROLINA	34	2090002	F02	JACKSON COUNTY	72	66		237	202	.72	58
NORTH CAROLINA	34	2500001	F01	MACON COUNTY	72	31		51	37	.	
NORTH CAROLINA	34	3980001	F01	SWAIN COUNTY	72	27		72	59	.	
NORTH CAROLINA	34	4300003	I01	WAYNESVILLE	72	23		46	19		
173 DAYTON (OHIO)						** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
OHIO	36	1660001	A01	DAYTON	72	27		143	104	.40	32
OHIO	36	1660015	G01	DAYTON	72	35		148	73	.	
OHIO	36	1660017	G01	DAYTON	72	36		48	44	.	
OHIO	36	2040001	G01	FAIRBORN	72	40		53	53	.19	15
OHIO	36	4280001	G01	MIAMISBURG	72	16		57	44	.	
OHIO	36	4550001	G01	MORAINE	72	35		57	57	.	
OHIO	36	5520003	G01	PIQUA	72	37		95	67	.	
OHIO	36	6380001	G01	SPRINGFIELD	72	15		53	23	.	
OHIO	36	6380002	G01	SPRINGFIELD	72	42		59	42	.18	15
OHIO	36	6380003	G01	SPRINGFIELD	72	43		61	48	.22	17
OHIO	36	6680001	G01	TROY	72	36		67	67	.	
OHIO	36	7670001	G01	WRIGHT PATTERSON A F B	72	18		53	48	.	
OHIO	36	7720001	G01	XENIA	72	37		53	48	.20	16

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
174 GREATER METROPOLITAN CLEVELAND (OHIO)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
OHIO	36 0060001 A01 AKRON	72	27		236	92	.47	38
OHIO	36 0060002 H01 AKRON	72	19		76	55		
OHIO	36 0060004 H01 AKRON	72	22		110	108		
OHIO	36 0060005 H01 AKRON	72	12		101	101		
OHIO	36 0060006 H01 AKRON	72	49		161	115	.60	43
OHIO	36 0060014 H01 AKRON	72	13		115	109		
OHIO	36 0360001 H01 BARBERTON	72	42		155	144		
OHIO	36 1000001 A01 CANTON	72	28		82	75	.27	22
OHIO	36 1000001 H02 CANTON	72	15		68	39		
OHIO	36 1000003 H02 CANTON	72	15		172	78		
OHIO	36 1000008 H01 CANTON	72	15		123	91		
OHIO	36 1000014 H02 CANTON	72	15		102	79		
OHIO	36 1300001 A01 CLEVELAND	72	22		166	165		
OHIO	36 1300001 H01 CLEVELAND	72	99		330	259	1.09	87
OHIO	36 1300002 H01 CLEVELAND	72	91		284	194	.87	69
OHIO	36 1300003 H01 CLEVELAND	72	109		291	291	.92	74
OHIO	36 1300005 H01 CLEVELAND	72	107		177	177	.72	57
OHIO	36 1300006 H01 CLEVELAND	72	99		236	236	.91	64
OHIO	36 1300007 H01 CLEVELAND	72	98		236	236	.74	59
OHIO	35 1300008 H01 CLEVELAND	72	111	1	389	310	1.12	99
OHIO	36 1300009 H01 CLEVELAND	72	105		276	276	.97	69
OHIO	35 1300010 H01 CLEVELAND	72	95		293	21[illegible]	.73	59
OHIO	36 1300011 H01 CLEVELAND	72	99		223	180	.59	55
OHIO	36 1300012 H01 CLEVELAND	72	98		349	291	1.15	92
OHIO	36 1300013 H01 CLEVELAND	72	101		357	357	1.15	92
OHIO	36 1300017 H01 CLEVELAND	72	55		168	167		
OHIO	36 1300020 H01 CLEVELAND	72	36		169	159		
OHIO	36 1300021 H01 CLEVELAND	72	88		200	200	.78	63
OHIO	36 1300024 H01 CLEVELAND	72	30		308	294		
OHIO	36 1300026 H01 CLEVELAND	72	78		340	266	1.41	113
OHIO	36 1300027 H01 CLEVELAND	72	105		323	323	.94	67
OHIO	36 1300029 H01 CLEVELAND	72	81	1	389	343	1.06	94
OHIO	36 5680001 H01 RAVENNA	72	14		99	74		
OHIO	36 6400001 H03 STARK COUNTY	72	15		60	57		
OHIO	36 6400002 H03 STARK COUNTY	72	15		57	39		
175 MANSFIELD-MARION (OHIO)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
OHIO	36 7160001 H03 WAYNE COUNTY	72	49		176	141	.47	37
176 METROPOLITAN COLUMBUS (OHIO)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OHIO	36 1460001 A01 COLUMBUS	72	30		89	70	.36	29
178 NORTHWEST PENNSYLVANIA-YOUNGSTOWN (OHIO-PENN)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
OHIO	36 7760001 A01 YOUNGSTOWN	72	28		112	96	.48	38
PENNSYLVANIA	39 3060002 A01 ERIE	72	24		106	66	.31	25

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION				YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
181 STEUBENVILLE-WEIRTON-WHEELING (OHIO-W.VA)					** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
OHIO	36 6420001	A01	STEUBENVILLE	72	27		209	196	.69	55
WEST VIRGINIA	50 0500004	F02	FOLLANSBEE	72	36		238	136		
WEST VIRGINIA	50 0620003	F02	HANCOCK COUNTY	72	35		253	167		
WEST VIRGINIA	50 0620005	F02	HANCOCK COUNTY	72	25		120	115		
WEST VIRGINIA	50 1240001	F02	MOUNDSVILLE	72	31		204	172		
WEST VIRGINIA	50 2040002	F01	WELLSBURG	72	26		175	154		
184 CENTRAL OKLAHOMA					** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OKLAHOMA	37 0940016	F01	EDMOND	72	54		124	99		
OKLAHOMA	37 1940006	F01	MIDWEST CITY	72	51	2	454	433		
OKLAHOMA	37 2200001	F01	OKLAHOMA CITY	72	54		8	5		
OKLAHOMA	37 2200002	F01	OKLAHOMA CITY	72	43		340	246		
OKLAHOMA	37 2200017	F01	OKLAHOMA CITY	72	52		5	5		
OKLAHOMA	37 2200018	F01	OKLAHOMA CITY	72	56		10	5		
OKLAHOMA	37 2200021	F01	OKLAHOMA CITY	72	55		40	5		
OKLAHOMA	37 2200022	F01	OKLAHOMA CITY	72	54		60	52		
OKLAHOMA	37 2200029	A01	OKLAHOMA CITY	72	28		9	8	.05	4
185 NORTH CENTRAL OKLAHOMA					** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OKLAHOMA	37 0280598	F01	BLACKWELL	72	76		270	192		
OKLAHOMA	37 0280599	F01	BLACKWELL	72	13		9	5		
186 NORTHEASTERN OKLAHOMA					** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OKLAHOMA	37 0200215	F01	BARTLESVILLE	72	74		112	88	.14	11
OKLAHOMA	37 0840219	F01	DEWEY	72	11		2	2		
OKLAHOMA	37 2620194	F01	ROGERS COUNTY	72	58		50	14	.05	4
OKLAHOMA	37 3000001	A01	TULSA	72	27		14	9	.06	5
OKLAHOMA	37 3000111	F01	TULSA	72	89	82	464	163		
OKLAHOMA	37 3000112	F01	TULSA	72	74	47	39	30		
187 NORTHWESTERN OKLAHOMA					** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OKLAHOMA	37 3260800	F01	WOODWARD	72	50		6	2	.03	3
188 SOUTHEASTERN OKLAHOMA					** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OKLAHOMA	37 1720410	F01	MCALESTER	72	60		13	6	.04	3
189 SOUTHWESTERN OKLAHOMA					** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
OKLAHOMA	37 0900661	F01	DUNCAN	72	54		20	19	.05	4
OKLAHOMA	37 1600646	F01	LAWTON	72	37		8	6	.04	3
OKLAHOMA	37 1600650	F01	LAWTON	72	52		10	8	.04	3
193 PORTLAND (ORE-WASH)					** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
OREGON	38 1460001	A01	PORTLAND	72	22		99	96	.35	28

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXCEEDING 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
196 SOUTH CENTRAL PENNSYLVANIA		** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
PENNSYLVANIA 39 4660002 A01 LANCASTER	72	25		89	69		
PENNSYLVANIA 39 9560002 A01 YORK	72	21		14	9		
197 SOUTHWEST PENNSYLVANIA		** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
PENNSYLVANIA 39 4240001 A05 INDIANA COUNTY	72	13		41	32		
PENNSYLVANIA 39 4240002 A05 INDIANA COUNTY	72	24		22	12	.06	5
PENNSYLVANIA 39 4240003 A05 INDIANA COUNTY	72	27		58	52	.14	11
PENNSYLVANIA 39 7260001 A01 PITTSBURGH	72	24		121	121	.79	63
198 CAMDEN-SUMPTER (S.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA 42 0500001 F01 CAMDEN	72	52		65	60	.13	10
SOUTH CAROLINA 42 2120001 F01 SUMTER	72	19		2	2		
199 CHARLESTON (S.C.)		** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA 42 0540002 G01 CHARLESTON	72	21		17	11		
SOUTH CAROLINA 42 0560001 G01 CHARLESTON COUNTY	72	14		38	39	.	
SOUTH CAROLINA 42 0560024 G01 CHARLESTON COUNTY	72	12		2	2	.	
200 COLUMBIA (S.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA 42 0760003 H01 COLUMBIA	72	55		52	35	.06	5
SOUTH CAROLINA 42 0760006 F01 COLUMBIA	72	57		61	43	.10	8
SOUTH CAROLINA 42 1760001 F01 NEWBERRY	72	21		30	26		
SOUTH CAROLINA 42 1900002 A03 RICHLAND COUNTY	72	28		21	19	.07	5
SOUTH CAROLINA 42 1900002 F01 RICHLAND COUNTY	72	59		75	26	.07	6
SOUTH CAROLINA 42 1900003 F01 RICHLAND COUNTY	72	57		60	23	.08	6
SOUTH CAROLINA 42 2260001 F01 WEST COLUMBIA	72	57		76	43	.10	9
201 FLORENCE (S.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA 42 1020001 F01 FLORENCE	72	17		22	2		
202 GREENVILLE-SPARTANBURG (S.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA 42 0130001 F01 ANDERSON	72	43		76	59	-	
SOUTH CAROLINA 42 1180001 G01 GREENVILLE	72	58		29	9	.04	3
SOUTH CAROLINA 42 1180002 G01 GREENVILLE	72	59		54	47	.09	7
SOUTH CAROLINA 42 1200001 G01 GREENVILLE COUNTY	72	31		32	13	.	
SOUTH CAROLINA 42 1200003 G01 GREENVILLE COUNTY	72	59		21	16	.06	4
SOUTH CAROLINA 42 1260001 G01 GREER	72	31		62	44	-	
SOUTH CAROLINA 42 1875001 F01 PICKENS	72	44		14	2	-	
SOUTH CAROLINA 42 2010001 G01 SIMPSONVILLE	72	31		49	29	-	
SOUTH CAROLINA 42 2040001 G01 SPARTANBURG	72	49		226	135	.31	25
203 GREENWOOD (S.C.)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA 42 1220001 F01 GREENWOOD	72	44		36	32	-	
SOUTH CAROLINA 42 1500001 F01 LAURENS	72	41		37	30	-	

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION					YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.		ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
								1ST	2ND		
204 GEORGETOWN (S.C.)						** PRIORITY 3				AS OF OCTOBER 07, 1973	
SOUTH CAROLINA	42	0780006	F01	CONWAY	72	19		22	16		
SOUTH CAROLINA	42	1120001	F01	GEORGETOWN	72	18		34	14		
205 BLACKHILLS-RAPID CITY (S. DAK)						** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
SOUTH DAKOTA	43	0110001	A03	BLACK HILLS NAT FOREST	72	24		7	6	.05	4
207 EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA (TENN.-VA.						** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
TENNESSEE	44	1720012	G01	KNOX COUNTY	72	27		27	16		
TENNESSEE	44	1720013	G01	KNOX COUNTY	72	29		6	6		
TENNESSEE	44	1720014	G03	KNOX COUNTY	72	19		5	5		
TENNESSEE	44	1740002	A01	KNOXVILLE	72	26		47	44	.20	16
TENNESSEE	44	1740003	G01	KNOXVILLE	72	20		9	6		
TENNESSEE	44	1740005	G01	KNOXVILLE	72	20		9	5		
TENNESSEE	44	1740006	G01	KNOXVILLE	72	20		39	23		
TENNESSEE	44	1740007	G01	KNOXVILLE	72	17		5	2		
TENNESSEE	44	1740009	G01	KNOXVILLE	72	20		19	10		
VIRGINIA	48	0440005	F02	BLUEFIELD	72	49		23	18		
VIRGINIA	48	1280005	F02	GALAX	72	65		70	55		
VIRGINIA	48	1920001	F01	MARION	72	63		78	55		
VIRGINIA	48	2640001	F02	RICHLANDS	72	61		55	23		
VIRGINIA	48	2820006	F02	SALTVILLE	72	63		57	15		
VIRGINIA	48	3420002	F02	WISE COUNTY	72	47		18	13		
VIRGINIA	48	3420003	F02	WISE COUNTY	72	57		39	36		
VIRGINIA	48	3440001	A03	WYTHE COUNTY	72	25		12	9	.06	4
208 MIDDLE TENNESSEE						PRIORITY 2 **				AS OF OCTOBER 07, 1973	
TENNESSEE	44	2540001	A01	NASHVILLE	72	27		47	46	.14	11
TENNESSEE	44	2540002	G01	NASHVILLE	72	46		26	11	.11	9
TENNESSEE	44	2540003	G01	NASHVILLE	72	46		29	7	.11	8
TENNESSEE	44	2540004	G01	NASHVILLE	72	50		19	11	.10	8
TENNESSEE	44	2540005	G01	NASHVILLE	72	51		35	19	.11	9
TENNESSEE	44	2540006	G01	NASHVILLE	72	51		12	12	.10	8
TENNESSEE	44	2540007	G01	NASHVILLE	72	50		26	10	.11	8
TENNESSEE	44	2540008	G01	NASHVILLE	72	41		14	10	.10	8
TENNESSEE	44	2540010	G01	NASHVILLE	72	42		53	16	.12	9
TENNESSEE	44	2540011	G01	NASHVILLE	72	45		35	22	.12	10
TENNESSEE	44	2540012	G01	NASHVILLE	72	49		7	7	.10	8
TENNESSEE	44	2540014	G01	NASHVILLE	72	49		44	8	.11	9
TENNESSEE	44	2540015	G01	NASHVILLE	72	51		15	7	.10	8
TENNESSEE	44	2540016	G01	NASHVILLE	72	50		13	12	.10	8
TENNESSEE	44	2540017	G01	NASHVILLE	72	44		37	35		
TENNESSEE	44	2540018	G01	NASHVILLE	72	48		22	13	.11	8
TENNESSEE	44	2540019	G01	NASHVILLE	72	30		16	16		
TENNESSEE	44	2540020	G01	NASHVILLE	72	50		29	14	.11	8

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	A N N U A L RATIO TO ANN. STD	ARITH. MEAN UG/CU.M.
211 AMARILLO-LUBBOCK (TEX)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
TEXAS	45 0070002 A01 AMARILLO	72	17		8	7	-	
TEXAS	45 3340001 A01 LUBBOCK	72	24		9	7	-	
212 AUSTIN-WACO (TEX)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
TEXAS	45 0220002 A01 AUSTIN	72	21		16	9	-	
214 CORPUS CHRISTI-VICTORIA (TEX)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
TEXAS	45 1150001 A01 CORPUS CHRISTI	72	26		10	7	.05	4
215 METROPOLITAN DALLAS-FORT WORTH (TEX)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
TEXAS	45 1310002 A01 DALLAS	72	27		17	12	.07	5
TEXAS	45 1880001 A01 FORT WORTH	72	29		12	12	.05	4
216 METROPOLITAN HOUSTON-GALVESTON (TEX)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
TEXAS	45 2560001 A01 HOUSTON	72	26		9	9	.05	4
TEXAS	45 3530001 A03 MATAGORDA COUNTY	72	26		10	8	.05	4
TEXAS	45 4060002 A01 PASADENA	72	27		52	47	.11	8
217 METROPOLITAN SAN ANTONIO (TEX)			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
TEXAS	45 4570001 A01 SAN ANTONIO	72	28		13	10	.05	4
218 MIDLAND-ODESSA-SAN ANGELO (TEX)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
TEXAS	45 5200001 A03 TOM GREEN COUNTY	72	26		12	7	.05	4
220 WASATCH FRONT (UTAH)			** PRIORITY 1 **				AS OF OCTOBER 07, 1973	
UTAH	46 0920001 A01 SALT LAKE CITY	72	27		50	24	.12	10
222 CENTRAL VIRGINIA			** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
VIRGINIA	48 0320008 F02 BEDFORD	72	28		70	70		
VIRGINIA	48 0340003 F02 BEDFORD COUNTY	72	10		10	5	-	
VIRGINIA	48 0920006 F02 DANVILLE	72	22		18	10	-	
VIRGINIA	48 0920007 F02 DANVILLE	72	21		10	5	-	
VIRGINIA	48 1200002 F02 FRANKLIN COUNTY	72	9		60	55	-	
VIRGINIA	48 1520003 F02 HENRY COUNTY	72	53		62	57	-	
VIRGINIA	48 1840003 F01 LYNCHBURG	72	61		73	73	.33	26
VIRGINIA	48 1940005 F01 MARTINSVILLE	72	57		91	89	-	
223 HAMPTON ROADS (VA)			** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
VIRGINIA	48 0710001 F02 CHESAPEAKE	72	18		57	49	-	
VIRGINIA	48 0710003 F02 CHESAPEAKE	72	88		70	70	.31	25
VIRGINIA	48 0710005 F02 CHESAPEAKE	72	75		282	199	.40	32
VIRGINIA	48 1180002 F01 FRANKLIN	72	67		68	68	-	
VIRGINIA	48 2060002 F02 NANSEMOND COUNTY	72	67		94	62	.22	18
VIRGINIA	48 2120001 A01 NEWPORT NEWS	72	18		14	9	-	

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION			YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	HIGHEST 24-HR VALUES UG/CU.M. 2ND	A N N U A L RATIO TO ANN. STD	A N N U A L ARITH. MEAN UG/CU.M.
VIRGINIA	48 2140001 A01	NORFOLK	72	27	1	850	156		
VIRGINIA	48 2140007 F01	NORFOLK	72	66		96	86	.29	23
VIRGINIA	48 2140010 F01	NORFOLK	72	74		69	68	.30	24
VIRGINIA	48 2140012 F02	NORFOLK	72	60		68	65	.37	30
VIRGINIA	48 2440001 A01	PORTSMOUTH	72	28		73	68	.32	25
VIRGINIA	48 3090003 F02	SUFFOLK	72	67		68	62	.29	23
VIRGINIA	48 3240003 F02	VIRGINIA BEACH	72	71		68	68	-	
VIRGINIA	48 3480002 F02	YORK COUNTY	72	65		73	70	.26	20
224 NORTHEASTERN VIRGINIA				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
VIRGINIA	48 1240001 F02	FREDERICKSBURG	72	6		13	10	-	
225 STATE CAPITAL (VA)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
VIRGINIA	48 0720002 F02	CHESTERFIELD COUNTY	72	50		68	65		
VIRGINIA	48 1500002 F01	HENRICO COUNTY	72	50		81	75	-	
VIRGINIA	48 1500007 F02	HENRICO COUNTY	72	47		70	68	-	
VIRGINIA	48 1500008 F02	HENRICO COUNTY	72	46		73	69		
VIRGINIA	48 1560002 F02	HOPEWELL	72	43		73	69		
VIRGINIA	48 2360002 F01	PETERSBURG	72	34		73	68		
VIRGINIA	48 2500001 F02	PRINCE GEORGE COUNTY	72	72		70	70	.30	24
VIRGINIA	48 2660002 A01	RICHMOND	72	15		42	25		
226 VALLEY OF VIRGINIA				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
VIRGINIA	48 0840005 F02	COVINGTON	72	47		41	23	-	
VIRGINIA	48 2560007 F02	PULASKI	72	71		68	68	.31	24
VIRGINIA	48 2890001 A03	SHENANDOAH NATIONAL PK	72	27		31	29	.10	8
VIRGINIA	48 3320001 F02	WAYNESBORO	72	58		62	62	.32	26
229 PUGET SOUND (WASH)				** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
WASHINGTON	49 0980002 A03	KING COUNTY	72	21		12	8	-	
WASHINGTON	49 1840001 A01	SEATTLE	72	29		107	95	.38	30
WASHINGTON	49 2140001 A01	TACOMA	72	25		73	57	.16	13
234 KANAWHA VALLEY (W. VA.)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
WEST VIRGINIA	50 0280001 A01	CHARLESTON	72	27		26	19	.08	6
WEST VIRGINIA	50 0280007 F02	CHARLESTON	72	36		120	114	-	
WEST VIRGINIA	50 0760002 F02	KANAWHA COUNTY	72	37		147	58	-	
WEST VIRGINIA	50 1340001 F02	NITRO	72	34		52	52	-	
WEST VIRGINIA	50 1560001 F01	PUTNAM COUNTY	72	11		24	16	-	
WEST VIRGINIA	50 1560002 F02	PUTNAM COUNTY	72	25		71	45		
WEST VIRGINIA	50 1560003 F02	PUTNAM COUNTY	72	34		58	42	-	
WEST VIRGINIA	50 1760003 F01	SOUTH CHARLESTON	72	37		39	31	-	
WEST VIRGINIA	50 1760004 F02	SOUTH CHARLESTON	72	34		149	73	-	
237 LAKE MICHIGAN (WISC)				** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
WISCONSIN	51 0780001 A03	DOOR COUNTY	72	23		23	14		

Table A-2 (continued). DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE (SULFAMIC ACID) 24-HOUR BUBBLER METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M. 1ST	2ND	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
239 SOUTHEASTERN WISCONSIN		** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
WISCONSIN 51 2200001 A01 MILWAUKEE	72	30		124	79	.27	22
240 SOUTHERN WISCONSIN		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
WISCONSIN 51 1860001 A01 MADISON	72	27		37	31	.14	11
241 CASPER (WYO)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
WYOMING 52 0120001 A01 CASPER	72	28		16	13	.06	5
243 WYOMING (REMAINDER)		** PRIORITY 3 **				AS OF OCTOBER 07, 1973	
WYOMING 52 0860001 A03 YELLOWSTONE PARK	72	20		11	8	.05	4
244 PUERTO RICO		** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
PUERTO RICO 40 0380002 A01 BAYAMON	72	29		19	14	.07	5
PUERTO RICO 40 1080002 A01 GUAYANILLA	72	28		12	12	.06	5
PUERTO RICO 40 1920002 A01 PONCE	72	27		13	9	.06	5
PUERTO RICO 40 2140001 A01 SAN JUAN	72	25		37	13	.08	6
246 GUAM		** PRIORITY 2 **				AS OF OCTOBER 07, 1973	
GUAM 54 0190001 F03 INARAJAN DIST	72	7		38	34		
GUAM 54 0290001 F02 PITI DIST	72	10		227	153		
247 U.S. VIRGIN ISLANDS		** PRIORITY 1A **				AS OF OCTOBER 07, 1973	
VIRGIN ISLANDS 55 0010001 F02 CHARLOTTE AMALIE	72	280	3	2,617	2,617	.55	44
VIRGIN ISLANDS 55 0030002 F01 CHRISTIANSTED	72	61		18	15		

Table A-3. DATA FROM STATIONS MONITORING SO_2 WITH WEST-GAEKE COLORIMETRIC METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.	NO. OF VALUES EXC'D'G 3-HR STD	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
015 PHOENIX-TUCSON (ARIZ)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
ARIZONA	03 0440003 G01 MARICOPA COUNTY	72	2,169		178		*	
043 NEW JERSEY-NEW YORK-CONNECTICUT			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
NEW JERSEY	31 0060001 F01 ASBURY PARK	72	8,257		124		.24	19
NEW JERSEY	31 0180003 F01 BAYONNE	72	7,937		216		.65	52
NEW JERSEY	31 1300003 F01 ELIZABETH	72	8,290		177		.58	46
NEW JERSEY	31 1620001 F01 FREEHOLD	72	8,121		150		.28	23
NEW JERSEY	31 1820001 F01 HACKENSACK	72	8,343		149		.49	39
NEW JERSEY	31 2320002 F01 JERSEY CITY	72	8,334		227		.61	49
NEW JERSEY	31 3480002 F01 NEWARK	72	8,125		222		.69	55
NEW JERSEY	31 4140003 F01 PATERSON	72	8,331		86		.26	21
NEW JERSEY	31 4220003 F01 PERTH AMBOY	72	8,037		290		.59	47
NEW JERSEY	31 5060001 F01 SOMERVILLE	72	8,228		102		.29	23
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
DELAWARE	08 0160001 F01 NEW CASTLE	72	7,656		144		.48	38
DELAWARE	08 0180005 F01 NEW CASTLE COUNTY	72	5,062		291		*	
DELAWARE	08 0180010 F01 NEW CASTLE COUNTY	72	8,087		232		.52	41
DELAWARE	08 0260002 F01 WILMINGTON	72	7,787		192		.71	57
NEW JERSEY	31 0640001 F01 BURLINGTON	72	8,373		230		.44	35
NEW JERSEY	31 0720003 F01 CAMDEN	72	8,265		277		1.05	84
NEW JERSEY	31 0720004 F01 CAMDEN	72	8,442		226		.68	54
NEW JERSEY	31 0740001 F01 CAMDEN COUNTY	72	8,032		101		.22	18
NEW JERSEY	31 4160001 F01 PAULSBORO	72	8,089	2	591		.63	50
NEW JERSEY	31 4200001 F01 PENNS GROVE	72	8,430		198		.50	40
NEW JERSEY	31 5400002 F01 TRENTON	72	8,043		191		.43	34
PENNSYLVANIA	39 7140018 H01 PHILADELPHIA	72	2,002		223		*	
049 JACKSONVILLE-BRUNSWICK (FLA-GA)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
FLORIDA	10 1960035 H01 JACKSONVILLE	72	4,513	193	9,692	4,511	*	
FLORIDA	10 1960049 H01 JACKSONVILLE	72	2,411		200		*	
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
KENTUCKY	18 3020001 F01 NEWPORT	72	6,103		211		*	
150 NEW JERSEY (REMAINDER)			** PRIORITY 1A **			AS OF OCTOBER 07, 1973		
NEW JERSEY	31 0100002 F01 ATLANTIC CITY	72	7,764		92		.26	21
NEW JERSEY	31 5360001 F01 TOMS RIVER	72	8,268		59		.22	18
151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
NEW JERSEY	31 4240002 F01 PHILLIPSBURG	72	8,369		166		.54	43
158 CENTRAL NEW YORK			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 6620005 F01 SYRACUSE	72	5,926		103		*	
NEW YORK	33 6620009 F01 SYRACUSE	72	4,705		143		*	
162 NIAGARA FRONTIER (N.Y.)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 0650005 F01 BUFFALO	72	5,604		357		*	

Table A-4. DATA FROM STATIONS MONITORING SO_2 WITH CONDUCTOMETRIC METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.	NO. OF VALUES EXC'D'G 3-HR STD	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
015 PHOENIX-TUCSON (ARIZ)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
ARIZONA	03 0440003 G01 MARICOPA COUNTY	72	5,834		176		*	
ARIZONA	03 0600002 G01 PHOENIX	72	6,538		103		*	
024 METROPOLITAN LOS ANGELES (CALIF)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
CALIFORNIA	05 0230001 I01 ANAHEIM	72	8,579		81		.34	27
CALIFORNIA	05 0500002 I01 AZUSA	72	8,258		119		.57	46
CALIFORNIA	05 3420001 I01 INDIO	72	4,523		84		*	
CALIFORNIA	05 3620001 I01 LA HABRA	72	8,391		122		.43	34
CALIFORNIA	05 3900001 I01 LENNOX	72	8,348		335	2	.94	75
CALIFORNIA	05 4100002 I01 LONG BEACH	72	8,250		321		.82	66
CALIFORNIA	05 4120001 I01 LOS ALAMITOS	72	7,600		171		.48	38
CALIFORNIA	05 4180001 I01 LOS ANGELES	72	8,323		167		.64	51
CALIFORNIA	05 4180002 I01 LOS ANGELES	72	8,524		96		.47	37
CALIFORNIA	05 4200001 I01 LOS ANGELES COUNTY	72	8,638		64		.38	31
CALIFORNIA	05 5120001 I01 NEWHALL	72	2,046		88		*	
CALIFORNIA	05 8720001 I01 WHITTIER	72	8,150		156		.60	48
029 SAN DIEGO (CALIF)			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
CALIFORNIA	05 2220001 I01 EL CAJON	72	5,043		45		*	
030 SAN FRANCISCO BAY AREA (CALIF)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
CALIFORNIA	05 5880001 I01 PITTSBURG	72	8,058		70		.27	22
033 SOUTHEAST DESERT (CALIF)			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
CALIFORNIA	05 6400001 I01 RIVERSIDE	72	4,872		76		*	
CALIFORNIA	05 6680001 I01 SAN BERNARDINO	72	3,226		56		.33	26
036 METROPOLITAN DENVER (COLO)			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
COLORADO	06 0580002 A10 DENVER	72	3,416		72		*	
043 NEW JERSEY-NEW YORK-CONNECTICUT			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 4680014 H01 NEW YORK CITY	72	8,639		303		1.04	83
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
DELAWARE	08 0140002 F01 NEWARK	72	5,038		281		*	
DELAWARE	08 0180004 F01 NEW CASTLE COUNTY	72	5,457		219		*	
DELAWARE	08 0260004 F01 WILMINGTON	72	6,589		226		.75	60
PENNSYLVANIA	39 7140004 H01 PHILADELPHIA	72	6,451		329		*	
047 NATIONAL CAPITAL (D.C.-MD-VA)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
DIST COLUMBIA	09 0020003 A10 WASHINGTON	72	4,252		260		*	
DIST COLUMBIA	09 0020008 I02 WASHINGTON, D. C.	72	4,495	1	410		*	
VIRGINIA	48 2870004 G01 SEVEN CORNERS	72	6,258		296		*	

Table A-4 (continued). DATA FROM STATIONS MONITORING SO_2 WITH CONDUCTOMETRIC METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.	NO. OF VALUES EXC'D'G 3-HR STD	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGT)			** PRIORITY 1A **			AS OF OCTOBER 07, 1973		
WASHINGTON	49 2040012 F01 SPOKANE	72	7,436		148		.71	57
067 METROPOLITAN CHICAGO (ILL-IND)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
ILLINOIS	14 1220002 A10 CHICAGO	72	6,114		336		*	
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
OHIO	36 1220003 A10 CINCINNATI	72	3,527		141		*	
080 METROPOLITAN INDIANAPOLIS (IND)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
INDIANA	15 2040008 H01 INDIANAPOLIS IND	72	2,404		142		*	
INDIANA	15 2040025 F01 INDIANAPOLIS	72	4,236	2	1,335	12	*	
115 METROPOLITAN BALTIMORE (MD)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
MARYLAND	21 1360002 G01 RIVIERA BEACH	72	1,676		237		*	
124 METROPOLITAN TOLEDO (MICH-OHIO)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
OHIO	36 5200001 H01 OREGON	72	2,148	2	475		*	
OHIO	36 6600005 H01 TOLEDO	72	1,942	1	436		*	
OHIO	36 6600007 H01 TOLEDO	72	2,068		246		*	
138 SOUTHEAST MISSOURI			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
MISSOURI	26 2200003 F02 IRON COUNTY	72	3,439		121		*	
174 GREATER METROPOLITAN CLEVELAND (OHIO)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
OHIO	36 0060013 H01 AKRON	72	5,838	2	579		*	
193 PORTLAND (ORE-WASH)			** PRIORITY 1A **			AS OF OCTOBER 07, 1973		
OREGON	38 1460002 F01 PORTLAND	72	4,181		186		*	
WASHINGTON	49 1140004 F01 LONGVIEW	72	7,721		160		.41	33
228 OLYMPIC-NORTHWEST WASHINGTON			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
WASHINGTON	49 0060002 101 ANACORTES WASH	72	2,901		160		*	
229 PUGET SOUND (WASH)			** PRIORITY 1A **			AS OF OCTOBER 07, 1973		
WASHINGTON	49 0640003 101 EVERETT	72	6,406		58		*	
WASHINGTON	49 1840059 F01 SEATTLE	72	4,593		133		*	
WASHINGTON	49 2140001 F01 TACOMA	72	7,776		239		.76	61
WASHINGTON	49 2140003 101 TACOMA	72	8,033		182		.37	29
WASHINGTON	49 2140006 F01 TACOMA	72	7,274		223		.57	45

Table A-5. DATA FROM STATIONS MONITORING SO_2 WITH COULOMETRIC METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.	NO. OF VALUES EXC'D'G 3-HR STD	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
ALABAMA	01 2400019 F01 MOBILE COUNTY	72	7,050	4	724	13	.60	48
012 ARIZONA-NEW MEXICO SOUTHERN BORDER (ARIZ.-N. MEXIC			** PRIORITY 1A **			AS OF OCTOBER 07, 1973		
ARIZONA	03 0160002 F02 CLIFTON	72	4,559	10	1,010	34	*	
ARIZONA	03 0180001 F02 COCHISE COUNTY	72	3,636	7	822	131	*	
ARIZONA	03 0180003 F02 COCHISE COUNTY	72	3,543	1	570	39	*	
015 PHOENIX-TUCSON (ARIZ)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
ARIZONA	03 0140001 F02 CLAYPOOL	72	7,442	12	842	92	1.40	112
ARIZONA	03 0330001 F02 GILA COUNTY	72	5,328	17	7,137	277		
043 NEW JERSEY-NEW YORK-CONNECTICUT			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 2900005 F01 HEMPSTEAD (T)	72	5,913		245		*	
NEW YORK	33 4100001 F01 MAMARONECK	72	5,314	2	465		*	
NEW YORK	33 4680050 F01 NEW YORK CITY	72	6,035	1	392		*	
049 JACKSONVILLE-BRUNSWICK (FLA-GA)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
FLORIDA	10 1960032 H01 JACKSONVILLE	72	1,731		190		*	
050 SOUTHEAST FLORIDA			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
FLORIDA	10 0860009 P02 DADE COUNTY	72	3,635		26		*	
056 METROPOLITAN ATLANTA (GA)			** PRIORITY 1 **			AS OF OCTOBER 12, 1973		
GEORGIA	11 0200001 G01 ATLANTA	72	4,070	*****	*	****	*	
067 METROPOLITAN CHICAGO (ILL-IND)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
INDIANA	15 1180003 F02 EAST CHICAGO	72	3,524	1	480	4	*	
INDIANA	15 1780002 F01 HAMMOND	72	5,611	2	376		*	
078 LOUISVILLE (IND-KY)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
KENTUCKY	18 1920023 G01 JEFFERSON COUNTY	72	3,795		153	2	*	
KENTUCKY	18 2380004 G01 LOUISVILLE	72	5,706		191		*	
KENTUCKY	18 2390011 G01 LOUISVILLE	72	1,995		222		*	
KENTUCKY	18 3620002 G01 ST. MATTHEWS	72	6,136		128		*	
KENTUCKY	18 3720002 G01 SHIVELY	72	6,815		193		.85	68
094 METROPOLITAN KANSAS CITY (KAN-MO)			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
KANSAS	17 1800001 G01 KANSAS CITY	72	6,069		277		*	
KANSAS	17 1300011 F01 KANSAS CITY	72	4,832		208		*	
095 NORTHEAST KANSAS			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
KANSAS	17 3560003 F01 TOPEKA	72	4,737		59		*	

Table A-5 (continued). DATA FROM STATIONS MONITORING SO_2 WITH COULOMETRIC METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF DAILY VALUES EXC'D'G 24-HR STD.	HIGHEST 24-HR VALUES UG/CU.M.	NO. OF VALUES EXC'D'G 3-HR STD	ANNUAL RATIO TO ANN. STD	ANNUAL ARITH. MEAN UG/CU.M.
122 CENTRAL MICHIGAN			** PRIORITY 3 **			AS OF OCTOBER 07, 1973		
MICHIGAN	23 1820002 H01 GRAND RAPIDS MICH	72	6,660		213		.57	46
MICHIGAN	23 3740011 G01 MUSKEGON	72	7,145		229		.39	31
123 METROPOLITAN DETROIT-PORT HURON (MICH)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
MICHIGAN	23 0160001 G01 ALLEN PARK	72	6,618		286		.56	44
MICHIGAN	23 1140003 G01 DEARBORN	72	3,478		255		*	
MICHIGAN	23 1190015 G01 DETROIT	72	6,445		354		*	
MICHIGAN	23 1180016 G01 DETROIT	72	6,138		279		*	
MICHIGAN	23 1180017 G01 DETROIT	72	6,526		208		*	
MICHIGAN	23 1180019 G01 DETROIT	72	7,278		247		.53	42
MICHIGAN	23 1180020 G01 DETROIT	72	7,998		305		.87	70
MICHIGAN	23 3040002 G01 LIVONIA	72	6,904		134		.32	26
MICHIGAN	23 4340003 F01 PORT HURON	72	5,856		303		*	
MICHIGAN	23 4420005 G01 RIVER ROUGE	72	7,217		289		.61	48
MICHIGAN	23 5120003 G01 TRENTON	72	7,268		179		.45	36
MICHIGAN	23 5320009 G01 WAYNE COUNTY	72	5,703		145		*	
MICHIGAN	23 5325001 G01 WESTLAND	72	6,750		184		.37	30
124 METROPOLITAN TOLEDO (MICH-OHIO)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
MICHIGAN	23 3580020 F01 MONROE	72	7,224	1	456		.77	61
MICHIGAN	23 3580021 F01 MONROE	72	6,468		137		*	
125 SOUTH CENTRAL MICHIGAN			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
MICHIGAN	23 2840002 F01 LANSING	72	5,347	2	595		*	
131 MINNEAPOLIS-ST. PAUL (MINN)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
MINNESOTA	24 2260022 H01 MINNEAPOLIS	72	7,413	4	429		.83	67
MINNESOTA	24 3300001 H01 ST PAUL	72	8,133	1	386		.71	57
160 GENESEE-FINGER LAKES (N.Y.)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 5760004 F01 ROCHESTER (C)	72	6,324		184		*	
161 HUDSON VALLEY (N.Y.)			** PRIORITY 2 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 3500002 F01 KINGSTON	72	6,169		320		*	
NEW YORK	33 5690001 F01 RENSSELAER	72	6,125		178		*	
NEW YORK	33 6020003 F01 SCHENECTADY	72	5,082		181		*	
162 NIAGARA FRONTIER (N.Y.)			** PRIORITY 1 **			AS OF OCTOBER 07, 1973		
NEW YORK	33 0660005 F01 BUFFALO	72	6,219		322		*	
NEW YORK	33 4740006 F01 NIAGARA FALLS	72	4,992	3	414		*	

Reproduced from best available copy.

Table A-6. DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING STANDARDS		99TH PCT'L OF 1-HR VALUES, MG/CU.M.	HIGHEST 1-HR VALUES MG/CU.M.		HIGHEST 8-HR AVGS MG/CU.M.		ANN AR. ARITH. MEAN MG/CU.M.
				1-HR	8-HR		1ST	2ND	1ST	2ND	
009 NORTHERN ALASKA			-- PRIORITY 1 --				AS OF OCTOBER 12, 1973				
ALASKA	02 0160002 G01 FAIRBANKS	72	7,461	6	1,249	25	46	43	30.3		6
015 PHOENIX-TUCSON (ARIZ)			-- PRIORITY 1 --				AS OF OCTOBER 12, 1973				
ARIZONA	03 0600002 G01 PHOENIX	72	6,459	16	684	28	51	44	42		
024 METROPOLITAN LOS ANGELES (CALIF)			-- PRIORITY 1 --				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 0230001 101 ANAHEIM	72	8,598		445	17	39	35	27.9		5
CALIFORNIA	05 0500002 101 AZUSA	72	8,509		46	10	16	14	12.5		4
CALIFORNIA	05 1030001 101 CAMARILLO	72	7,171		1	7	12	12	10.0		1
CALIFORNIA	05 3420001 101 INDIO	72	7,471		470	14	29	23	19.5		4
CALIFORNIA	05 3620001 101 LA HABRA	72	7,867		1,127	22	36	34	30.1		7
CALIFORNIA	05 3740001 101 LANCASTER	72	8,679		5	9	17	17	12.4		3
CALIFORNIA	05 3900001 101 LENNOX	72	8,523	15	1,401	29	56	54	38.1		[illegible]
CALIFORNIA	05 4100002 101 LONG BEACH	72	8,473		594	18	31	27	22.0		6
CALIFORNIA	05 4120001 101 LOS ALAMITOS	72	7,441		297	17	39	35	28.3		4
CALIFORNIA	05 4180001 101 LOS ANGELES	72	8,727		910	20	39	39	29.5		[illegible]
CALIFORNIA	05 4180002 101 LOS ANGELES	72	8,756		523	19	39	34	25.3		5
CALIFORNIA	05 4200001 101 LOS ANGELES COUNTY	72	8,725	3	804	21	42	42	36.5		5
CALIFORNIA	05 5120001 101 NEWHALL	72	8,597		52	11	21	19	14.8		4
CALIFORNIA	05 5340001 101 OJAI	72	7,919			6	13	13	9.5		2
CALIFORNIA	05 5380002 101 ONTARIO	72	7,049		1,122	16	21	21	17.4		3
CALIFORNIA	05 7200002 F01 SANTA BARBARA	72	8,263			5	13	13	5.3		2
CALIFORNIA	05 7200004 F01 SANTA BARBARA	72	7,566		39	11	24	21	19.4		3
CALIFORNIA	05 9720001 101 WHITTIER	72	8,698		920	20	35	35	27.9		5
025 NORTH CENTRAL COAST (CALIF)			-- PRIORITY 3 --				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 4840001 101 MONTEREY	72	8,637			5	13	13	6.2		2
028 SACRAMENTO VALLEY (CALIF)			-- PRIORITY 1 --				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 1260001 F01 CHICO	72	8,537		6	7	17	17	12.4		2
CALIFORNIA	05 6180002 F01 REDDING	72	8,614			6	16	12	9.6		3
CALIFORNIA	05 6580003 F01 SACRAMENTO	72	8,150			6	16	16	9.1		2
CALIFORNIA	05 6580004 F01 SACRAMENTO	72	3,546		7	10	21	17	13.4		
029 SAN DIEGO (CALIF)			-- PRIORITY 1 --				AS OF OCTOBER 12, 1973				
030 SAN FRANCISCO BAY AREA (CALIF)			-- PRIORITY 1 --				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 2780001 101 FREMONT	72	8,381			7	12	12	9.9		3
CALIFORNIA	05 4020002 101 LIVERMORE	72	8,539			7	13	12	9.5		3
CALIFORNIA	05 5000001 F01 NAPA	72	4,423			7	16	14	8.9		
CALIFORNIA	05 5300004 F01 OAKLAND	72	8,307			6	14	13	9.5		2
CALIFORNIA	05 5800001 F01 PETALUMA	72	4,271			6	11	11	7.0		
CALIFORNIA	05 5890001 101 PITTSBURG	72	8,605			5	14	13	6.9		2
CALIFORNIA	05 6240001 101 REDWOOD CITY	72	8,730		13	7	17	17	12.5		3
CALIFORNIA	05 6960003 101 SAN FRANCISCO	72	8,091		63	10	27	18	14.9		3
CALIFORNIA	05 6980003 101 SAN JOSE	72	5,062		111	12	20	20	15.1		

Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING STANDARDS 1-HR	8-HR	90TH PCTL OF 1-HR VALUES, MG/CU.M.	HIGHEST 1-HR VALUES MG/CU.M. 1ST	2ND	HIGHEST 8-HR AVGS MG/CU.M. 1ST	2ND	ANNUAL ARITH. MEAN MG/CU.M.
CALIFORNIA	05 7160001 I01 SAN RAFAEL	72	9,616			9	20	20	9.1		4
CALIFORNIA	05 8490002 F01 VALLEJO	72	4,152		30	10	18	13	16.0		
031 SAN JOAQUIN VALLEY (CALIF)			** PRIORITY 1 **				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 0520003 F01 BAKERSFIELD	72	8,510		23	11	32	29	15.4		3
CALIFORNIA	05 2800003 F01 FRESNO	72	8,559		4	6	20	18	11.4		2
CALIFORNIA	05 2820001 I01 FRESNO COUNTY	72	6,492			3	4	4	3.6		
CALIFORNIA	05 2820002 I01 FRESNO COUNTY	72	9,208			3	6	6	3.4		2
CALIFORNIA	05 4720001 F01 MODESTO	72	8,389		12	7	19	17	12.9		3
CALIFORNIA	05 9340002 F01 STOCKTON	72	7,611		19	6	20	20	16.1		2
CALIFORNIA	05 8520001 F01 VISALIA	72	8,374			6	18	13	9.3		2
032 SOUTH CENTRAL COAST (CALIF)			** PRIORITY 3 **				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 7040001 F01 SAN LUIS OBISPO	72	8,352		4	6	14	13	10.9		2
033 SOUTHEAST DESERT (CALIF)			** PRIORITY 3 **				AS OF OCTOBER 12, 1973				
CALIFORNIA	05 6200001 I01 REDLANDS	72	8,604		79	12	23	21	13.2		5
CALIFORNIA	05 6400001 I01 RIVERSIDE	72	5,217		1,026	19	29	26	18.8		
CALIFORNIA	05 6680001 I01 SAN BERNARDINO	72	9,551		784	13	19	17	15.1		6
036 METROPOLITAN DENVER (COLO)			** PRIORITY 1 **				AS OF OCTOBER 12, 1973				
COLORADO	06 0580002 A10 DENVER	72	7,672	22	1,414	27	49	47	44.8		7
043 NEW JERSEY-NEW YORK-CONNECTICUT			** PRIORITY 1 **				AS OF OCTOBER 12, 1973				
NEW JERSEY	31 0060001 F01 ASBURY PARK	72	8,060		17	9	23	21	11.4		3
NEW JERSEY	31 0180003 F01 BAYONNE	72	7,937			6	12	11	9.3		1
NEW JERSEY	31 1300003 F01 ELIZABETH	72	9,433	2	2,006	25	43	41	26.4		7
NEW JERSEY	31 1620001 F01 FREEHOLD	72	8,394	1	1,860	26	56	39	30.6		7
NEW JERSEY	31 1820001 F01 HACKENSACK	72	7,665		109	12	21	20	16.1		4
NEW JERSEY	31 2320002 F01 JERSEY CITY	72	8,429		1,891	26	37	36	29.5		7
NEW JERSEY	31 3480002 F01 NEWARK	72	7,819		524	17	34	31	21.2		5
NEW JERSEY	31 4140003 F01 PATERSON	72	8,404	3	757	19	49	47	26.4		5
NEW JERSEY	31 4220003 F01 PERTH AMBOY	72	7,482		610	17	30	29	25.0		6
NEW JERSEY	31 5060001 F01 SOMERVILLE	72	8,353		491	18	28	27	22.0		4
NEW YORK	33 2900005 F01 HEMPSTEAD (T)	72	6,239		66	12	27	25	17.6		
NEW YORK	33 4100001 F01 MAMARONECK	72	6,266		23	9	16	15	12.7		
NEW YORK	33 4690050 F01 NEW YORK CITY	72	5,118		12	8	15	14	11.7		
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **				AS OF OCTOBER 12, 1973				
NEW JERSEY	31 0640001 F01 BURLINGTON	72	8,399		1,127	19	34	34	24.8		6
NEW JERSEY	31 0720003 F01 CAMDEN	72	8,355		137	12	32	28	19.5		4
NEW JERSEY	31 0720004 F01 CAMDEN	72	8,487		124	12	24	21	14.5		4
NEW JERSEY	31 0740001 F01 CAMDEN COUNTY	72	5,824			6	9	9	7.9		
NEW JERSEY	31 4160001 F01 PAULSBORO	72	8,314		79	11	20	20	13.8		4
NEW JERSEY	31 4200001 F01 PENNS GROVE	72	8,334		267	14	33	27	19.3		5
NEW JERSEY	31 5400002 F01 TRENTON	72	8,396	15	3,370	32	57	52	44.0		10
PENNSYLVANIA	39 7140004 H01 PHILADELPHIA	72	2,856	1	44	13	21	16	15		

Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING STANDARDS		99TH PCT. OF 1-HR VALUES, MG/CU.M.	HIGHEST 1-HR VALUES MG/CU.M.		HIGHEST 8-HR AVGS MG/CU.M.		ANNUAL ARITH. MEAN MG/CU.M.
				1-HR	8-HR		1ST	2ND	1ST	2ND	
047 NATIONAL CAPITAL (D.C.-MD-VA)				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
DIST COLUMBIA	09 0020003 A10 WASHINGTON	72	4,947	3	322	24	63	44	35.9		
DIST COLUMBIA	09 0020008 I02 WASHINGTON, D. C.	72	5,327	2	47	11	46	43	23.9		
VIRGINIA	48 2870004 G01 SEVEN CORNERS	72	8,273			6	16	14	13.0		2
049 JACKSONVILLE-BRUNSWICK (FLA-GA)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
FLORIDA	10 1960037 H01 JACKSONVILLE	72	3,445		6	9	17	14	11.2		
FLORIDA	10 1960048 H01 JACKSONVILLE	72	3,315	2	22	11	51	51	17.3		
050 SOUTHEAST FLORIDA				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
FLORIDA	10 0860009 P02 DADE COUNTY	72	4,043		.	5	6	6	5.9		
056 METROPOLITAN ATLANTA (GA)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
GEORGIA	11 0200001 G01 ATLANTA	72	3,987		64	12	36	32	22.0		
060 HAWAII				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
HAWAII	12 0120001 F01 HONOLULU	72	7,757		51	12	37	27	13.4		2
062 EASTERN WASHINGTON-NORTHERN IDAHO (IDAHO-WASHINGTO				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
WASHINGTON	49 2040011 F01 SPOKANE	72	8,303		532	17	35	34	20.0		5
WASHINGTON	49 2040012 F01 SPOKANE	72	7,752		11	9	19	19	13.8		2
070 METROPOLITAN ST. LOUIS (ILL-MO)				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
MISSOURI	26 4280002 A10 ST LOUIS	72	5,903		115	14	33	31	18.1		
072 PADUCAH-CAIRO (ILL-KY)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
KENTUCKY	18 3180019 F01 PADUCAH	72	3,179		55	11	19	19	15.0		
077 EVANSVILLE-OWENSBORO-HENDERSON (IND-KY)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
KENTUCKY	18 3140004 F01 OWENSBORO	72	5,929		9	7	38	18	11.9		
078 LOUISVILLE (IND-KY)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
KENTUCKY	18 2380011 G01 LOUISVILLE	72	3,529		192	17	32	25	16.0		
KENTUCKY	18 2380013 G01 LOUISVILLE	72	7,648	1		5	50	9	9.1		2
085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEBRASKA	28 1880024 G01 OMAHA	72	7,019	1	98	12	31	25	17.6		3
094 METROPOLITAN KANSAS CITY (KAN-MO)				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
KANSAS	17 1800001 G01 KANSAS CITY	72	6,850		44	10	25	25	16.2		4
095 NORTHEAST KANSAS				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
KANSAS	17 3560003 F01 TOPEKA	72	4,428	1	14	9	52	40	29.9		

Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING STANDARDS 1-HR	8-HR	99TH PCTL OF 1-HR VALUES, MG/CU.M.	HIGHEST 1-HR VALUES MG/CU.M. 1ST	2ND	HIGHEST 8-HR AVGS MG/CU.M. 1ST	2ND	ANNUAL ARITH. MEAN MG/CU.M.
099 SOUTH CENTRAL KANSAS			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
KANSAS 17 3740003 F01 WICHITA	72	7,176		16	8	21	20	13.8		2
115 METROPOLITAN BALTIMORE (MD)			** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
MARYLAND 21 0080001 G01 ANNE ARUNDEL COUNTY	72	1,751			7	14	12	9.3		
120 METROPOLITAN PROVIDENCE (MASS-R.I.)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
RHODE ISLAND 41 0300005 F01 PROVIDENCE	72	8,169		1	8	17	14	10.4		3
RHODE ISLAND 41 0300007 F01 PROVIDENCE	72	7,055		54	11	18	18	13.6		2
124 METROPOLITAN TOLEDO (MICH-OHIO)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
OHIO 36 6600007 H01 TOLEDO	72	1,906			9	11	10	9.6		
131 MINNEAPOLIS-ST. PAUL (MINN)			** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
MINNESOTA 24 2260022 H01 MINNEAPOLIS	72	8,614		784	17	28	25	16.6		6
MINNESOTA 24 3300001 H01 ST PAUL	72	8,634		62	10	20	19	14.2		5
149 NORTHWEST NEVADA			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEVADA 29 0480005 I01 RENO	72	2,713		147	18	27	25	20.7		
150 NEW JERSEY (REMAINDER)			** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
NEW JERSEY 31 0100002 F01 ATLANTIC CITY	72	8,094		250	14	26	24	16.9		4
NEW JERSEY 31 5360001 F01 TOMS RIVER	72	7,117		700	19	36	34	22.7		5
151 NORTHEAST PENNSYLVANIA-UPPER DEL. VAL. (PENN-N.J.)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEW JERSEY 31 4240002 F01 PHILLIPSBURG	72	8,390		4	7	19	17	10.7		2
152 ALBUQUERQUE-MID RIO GRANDE (N. MEX)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEW MEXICO 32 0040002 H01 ALBUQUERQUE	72	4,341		130	16	31	25	16.1		
158 CENTRAL NEW YORK			** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
NEW YORK 33 6620005 F01 SYRACUSE	72	6,543		1	8	21	18	10.4		
NEW YORK 33 6620009 F01 SYRACUSE	72	6,062		39	11	17	17	12.4		
160 GENESEE-FINGER LAKES (N.Y.)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEW YORK 33 5760004 F01 ROCHESTER (C)	72	6,507			6	20	18	8.5		
161 HUDSON VALLEY (N.Y.)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEW YORK 33 3500002 F01 KINGSTON	72	5,653			4	14	12	6.4		
NEW YORK 33 5680001 F01 RENSSELAER	72	6,404			7	16	11	9.1		
162 NIAGARA FRONTIER (N.Y.)			** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
NEW YORK 33 0660005 F01 BUFFALO	72	6,248		5	8	16	16	10.9		
NEW YORK 33 4740006 F01 NIAGARA FALLS	72	6,541		18	9	17	16	11.9		

Table A-6 (continued). DATA FROM STATIONS MONITORING CO WITH NONDISPERSIVE INFRARED CONTINUOUS METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING STANDARDS 1-HR	8-HR	99TH PCTL OF 1-HR VALUES, MG/CU.M.	HIGHEST 1-HR VALUES MG/CU.M. 1ST	2ND	HIGHEST 8-HR AVGS MG/CU.M. 1ST	2ND	ANNUAL ARITH. MEAN MG/CU.M.
174 GREATER METROPOLITAN CLEVELAND (OHIO)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
OHIO	36 1300033 H01 CLEVELAND	72	3,004		66	17	33	25	19.0		
OHIO	36 1300080 A05 CLEVELAND	72	2,294		33	14	20	19	17.0		
OHIO	36 1300082 A05 CLEVELAND,OHIO	72	1,765			7	12	11	8.0		
184 CENTRAL OKLAHOMA				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
OKLAHOMA	37 2200018 F01 OKLAHOMA CITY	72	4,771	1	75	17	37	29	23.6		
OKLAHOMA	37 2200022 F01 OKLAHOMA CITY	72	3,371		588	20	29	29	21.1		
193 PORTLAND (ORE-WASH)				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
OREGON	38 0560007 I01 EUGENE	72	4,415		109	13	31	29	18.3		
OREGON	38 1460002 F01 PORTLAND	72	4,337		562	24	39	36	28.9		
WASHINGTON	49 1140003 F01 LONGVIEW	72	7,215			5	12	11	6.5		2
WASHINGTON	49 1140004 F01 LONGVIEW	72	7,121			5	13	11	6.5		2
208 MIDDLE TENNESSEE				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
TENNESSEE	44 2540021 G01 NASHVILLE	72	3,233		83	14	31	28	14.0		
220 WASATCH FRONT (UTAH)				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
UTAH	46 0520001 F02 MAGNA	72	7,667			5	18	16	3.8		1
UTAH	46 0680001 F01 OGDEN	72	8,121	4	331	18	74	54	39.0		4
UTAH	46 0800001 F01 PROVO	72	8,128		126	14	34	32	20.6		3
UTAH	46 0920001 F01 SALT LAKE CITY	72	7,713	10	526	20	70	65	47.0		5
223 HAMPTON ROADS (VA)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
VIRGINIA	48 2140010 F01 NORFOLK	72	2,287		15	11	23	20	15.6		
225 STATE CAPITAL (VA)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
VIRGINIA	48 2660009 F01 RICHMOND	72	6,021		20	12	29	25	11.6		
229 PUGET SOUND (WASH)				** PRIORITY 1 **			AS OF OCTOBER 12, 1973				
WASHINGTON	49 0640007 F01 EVERETT	72	2,621			9	17	13	7.9		
WASHINGTON	49 1840051 F01 SEATTLE	72	8,347	1	1,053	20	43	35	24.7		5
WASHINGTON	49 1840059 F01 SEATTLE	72	3,923		20	10	26	23	16.5		
WASHINGTON	49 2140001 F01 TACOMA	72	4,341		82	12	25	17	14.1		
234 KANAWHA VALLEY (W. VA.)				** PRIORITY 3 **			AS OF OCTOBER 12, 1973				
WEST VIRGINIA	50 0280004 F01 CHARLESTON	72	8,098		23	7	17	16	15.8		2

Table A-7. DATA FROM STATIONS MONITORING O_x WITH ALKALINE POTASSIUM IODIDE KI METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M. 1ST	HIGHEST 1-HR VALUES UG/CU.M. 2ND	99TH PERCENTILE VALUE UG/CU.M.
015 PHOENIX-TUCSON (ARIZ)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
ARIZONA	03 0600002 G01 PHOENIX	72	2,170	16	200	200	160
018 METROPOLITAN MEMPHIS (ARK-MISS-TENN)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
TENNESSEE	44 2340081 A05 MEMPHIS, TENN	72	3,481	7	200	200	130
043 NEW JERSEY-NEW YORK-CONNECTICUT			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
NEW JERSEY	31 0190003 F01 BAYONNE	72	7,931	14	210	210	120
NEW JERSEY	31 3480002 F01 NEWARK	72	7,756	16	200	190	110
NEW YORK	33 4680050 F01 NEW YORK CITY	72	2,986	282	540	510	360
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
NEW JERSEY	31 0720003 F01 CAMDEN	72	7,933	3	190	170	90
136 NORTHERN PIEDMONT (N.C.)			** PRIORITY 3 **				AS OF OCTOBER 08, 1973
NORTH CAROLINA	34 4460007 G01 WINSTON-SALEM	72	1,669		110	100	90
174 GREATER METROPOLITAN CLEVELAND (OHIO)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
OHIO	36 1300035 H01 CLEVELAND	72	2,959	7	230	210	120
OHIO	36 1300081 A05 CLEVELAND	72	1,946		10	10	10
OHIO	36 1300092 A05 CLEVELAND, OHIO	72	1,700		10	10	10
225 STATE CAPITAL (VA)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
VIRGINIA	48 1500010 F01 HENRICO COUNTY	72	1,858	39	240	240	170

Table A-8. DATA FROM STATIONS MONITORING O_X WITH COLORIMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M. 1ST	2ND	90TH PERCENTILE VALUE UG/CU.M.
29				** PRIORITY [illegible] **			AS OF OCTOBER 08, 1973
CALIFORNIA	05 6820005 I01 SAN DIEGO	72	5,093	159	350	330	200
015 PHOENIX-TUCSON (ARIZ)				** PRIORITY 1 **			AS OF OCTOBER 08, 1973
ARIZONA	03 0610002 G01 PHOENIX	72	6,508	1	200	30	10
024 METROPOLITAN LOS ANGELES (CALIF)				** PRIORITY 1 **			AS OF OCTOBER 08, 1973
CALIFORNIA	05 0230001 I01 ANAHEIM	72	8,040	249	690	570	250
CALIFORNIA	05 0500002 I01 AZUSA	72	8,187	1,031	960	720	470
CALIFORNIA	05 0560001 I01 BANNING	72	8,158	916	630	630	350
CALIFORNIA	05 0580001 I01 BARSTOW	72	2,989		160	160	120
CALIFORNIA	05 1030001 I01 CAMARILLO	72	7,437	270	350	330	220
CALIFORNIA	05 3420001 I01 INDIO	72	7,965	1,349	490	450	310
CALIFORNIA	05 3620001 I01 LA HABRA	72	7,992	575	780	710	370
CALIFORNIA	05 3740001 I01 LANCASTER	72	8,326	338	310	410	220
CALIFORNIA	05 3900001 I01 LENNOX	72	8,291	32	330	290	140
CALIFORNIA	05 4100002 I01 LONG BEACH	72	8,254	30	330	310	140
CALIFORNIA	05 4120001 I01 LOS ALAMITOS	72	6,932	66	350	330	160
CALIFORNIA	05 4190001 I01 LOS ANGELES	72	8,426	516	490	490	290
CALIFORNIA	05 4180002 I01 LOS ANGELES	72	8,337	176	370	350	200
CALIFORNIA	05 4200001 I01 LOS ANGELES COUNTY	72	8,383	753	570	550	310
CALIFORNIA	05 5120001 I01 NEWHALL	72	8,176	851	570	530	370
CALIFORNIA	05 5340001 I01 OJAI	72	6,627	839	470	470	350
CALIFORNIA	05 5380002 I01 ONTARIO	72	5,890	303	470	450	270
CALIFORNIA	05 5640001 I01 PALM SPRINGS	72	8,232	1,350	610	590	350
CALIFORNIA	05 7200002 F01 SANTA BARBARA	72	7,621	39	250	240	140
CALIFORNIA	05 7200004 F01 SANTA BARBARA	72	6,993	7	220	200	120
CALIFORNIA	05 7340001 F01 SANTA MARIA	72	7,519	14	290	220	140
CALIFORNIA	05 8510001 I01 VICTORVILLE	72	7,894	104	290	270	180
CALIFORNIA	05 8720001 I01 WHITTIER	72	8,174	339	570	570	270
025 NORTH CENTRAL COAST (CALIF)				** PRIORITY 1 **			AS OF OCTOBER 08, 1973
CALIFORNIA	05 4840001 I01 MONTEREY	72	7,464	4	220	220	120
CALIFORNIA	05 4860001 I01 MONTEREY COUNTY	72	7,450	40	290	290	160
CALIFORNIA	05 6620001 I01 SALINAS	72	7,909	7	180	180	140
CALIFORNIA	05 7300001 I01 SANTA CRUZ COUNTY	72	8,155	6	200	200	120
026 NORTH COAST (CALIF)				** PRIORITY 3 **			AS OF OCTOBER 08, 1973
CALIFORNIA	05 2480002 F01 EUREKA	72	7,584		120	120	100
028 SACRAMENTO VALLEY (CALIF)				** PRIORITY 1 **			AS OF OCTOBER 08, 1973
CALIFORNIA	05 1260001 F01 CHICO	72	7,836	544	310	290	220
CALIFORNIA	05 6180002 F01 REDDING	72	7,910	357	310	290	220
CALIFORNIA	05 6580003 F01 SACRAMENTO	72	7,831	283	410	370	220
CALIFORNIA	05 6580004 F01 SACRAMENTO	72	2,619	40	390	310	180
CALIFORNIA	05 6600001 I01 SACRAMENTO COUNTY	72	6,676	504	550	550	270
CALIFORNIA	05 8900001 F01 YUBA CITY	72	7,816	535	330	330	240

Table A-8 (continued). DATA FROM STATIONS MONITORING O_X WITH COLORIMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M.		99TH PERCENTILE VALUE UG/CU.M.
					1ST	2ND	
029 SAN DIEGO (CALIF)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
CALIFORNIA	05 1360001 I01 CHULA VISTA	72	6,895	292	570	550	240
CALIFORNIA	05 2220001 I01 EL CAJON	72	7,075	372	430	410	240
CALIFORNIA	05 2460001 I01 ESCONDIDO	72	4,639	269	630	490	270
CALIFORNIA	05 6800005 I01 SAN DIEGO	72	7,688	315	510	450	240
030 SAN FRANCISCO BAY AREA (CALIF)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
CALIFORNIA	05 2540001 F01 FAIRFIELD	72	3,921	52	270	250	180
CALIFORNIA	05 5000002 F01 NAPA	72	4,032	16	240	240	140
CALIFORNIA	05 8480002 F01 VALLEJO	72	3,926	33	390	370	160
031 SAN JOAQUIN VALLEY (CALIF)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
CALIFORNIA	05 0520001 F01 BAKERSFIELD	72	1,800	22	190	180	180
CALIFORNIA	05 0520003 F01 BAKERSFIELD	72	7,826	444	350	330	220
CALIFORNIA	05 2800003 F01 FRESNO	72	7,925	466	370	330	220
CALIFORNIA	05 2820001 I01 FRESNO COUNTY	72	7,529	739	390	350	270
CALIFORNIA	05 2820002 I01 FRESNO COUNTY	72	7,186	388	270	270	220
CALIFORNIA	05 4720001 F01 MODESTO	72	7,683	289	350	310	220
CALIFORNIA	05 9040002 F01 STOCKTON	72	7,255	49	290	250	160
CALIFORNIA	05 9520001 F01 VISALIA	72	7,847	908	390	390	270
032 SOUTH CENTRAL COAST (CALIF)			** PRIORITY 3 **				AS OF OCTOBER 08, 1973
CALIFORNIA	05 7040001 F01 SAN LUIS OBISPO	72	7,584	41	240	240	160
033 SOUTHEAST DESERT (CALIF)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
CALIFORNIA	05 6200001 I01 REDLANDS	72	7,519	834	760	760	390
CALIFORNIA	05 6400001 I01 RIVERSIDE	72	5,399	1,000	980	880	590
CALIFORNIA	05 6680001 I01 SAN BERNARDINO	72	7,904	691	820	670	350
036 METROPOLITAN DENVER (COLO)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
COLORADO	06 0580002 A10 DENVER	72	5,110	97	350	330	200
045 METROPOLITAN PHILADELPHIA (DEL-N.J.-PA)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
PENNSYLVANIA	39 7140004 H01 PHILADELPHIA	72	7,358	56	270	250	150
047 NATIONAL CAPITAL (D.C.-MD-VA)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
DIST COLUMBIA	09 0020003 A10 WASHINGTON	72	4,243	34	250	250	160
VIRGINIA	43 2870004 G01 SEVEN CORNERS	72	6,374	142	350	330	190
067 METROPOLITAN CHICAGO (ILL-IND)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
ILLINOIS	14 1220002 A10 CHICAGO	72	7,385	11	270	250	120
070 METROPOLITAN ST. LOUIS (ILL-MO)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
MISSOURI	26 4280002 A10 ST LOUIS	72	5,001	41	310	290	160

Table A-8 (continued). DATA FROM STATIONS MONITORING O_x WITH COLORIMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M. 1ST	2ND	99TH PERCENTILE VALUE UG/CU.M.
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
OHIO	36 1220003 A10 CINCINNATI	72	5,923	13	290	250	140
131 MINNEAPOLIS-ST. PAUL (MINN)			** PRIORITY 3 **				AS OF OCTOBER 08, 1973
MINNESOTA	24 2260022 H01 MINNEAPOLIS	72	3,010		130	120	90
174 GREATER METROPOLITAN CLEVELAND (OHIO)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
OHIO	36 0060013 H01 AKRON	72	4,824	6	220	220	120
OHIO	36 1000001 H02 CANTON	72	1,519	*****	90	90	70
193 PORTLAND (ORE-WASH)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
OREGON	38 1460002 F01 PORTLAND	72	4,020	64	320	290	190

Table A-9. DATA FROM STATIONS MONITORING O_x WITH COULOMETRIC NEUTRAL POTASSIUM IODIDE KI METHOD

AIR QUALITY CONTROL REGION		YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M. 1ST	HIGHEST 1-HR VALUES UG/CU.M. 2ND	99TH PERCENTILE VALUE UG/CU.M.
030 SAN FRANCISCO BAY AREA (CALIF)			** PRIORITY 1 **				AS OF OCTOBER 09, 1973
CALIFORNIA	05 2780001 I01 FREMONT	72	8,575	190	670	570	220
CALIFORNIA	05 4020002 I01 LIVERMORE	72	8,548	106	430	350	180
CALIFORNIA	05 5300004 F01 OAKLAND	72	7,990	7	240	220	100
CALIFORNIA	05 5800001 F01 PETALUMA	72	3,923		160	160	100
CALIFORNIA	05 5880001 I01 PITTSBURG	72	8,483	146	370	350	180
CALIFORNIA	05 6240001 I01 REDWOOD CITY	72	8,719	74	550	470	150
CALIFORNIA	05 6860003 I01 SAN FRANCISCO	72	8,504		160	140	100
CALIFORNIA	05 6980003 I01 SAN JOSE	72	5,148	40	390	330	160
CALIFORNIA	05 7000001 I01 SAN LEANDRO	72	8,624	49	330	310	140
CALIFORNIA	05 7160001 I01 SAN RAFAEL	72	8,710	15	330	330	120
047 NATIONAL CAPITAL (D.C.-MD-VA)			** PRIORITY 1 **				AS OF OCTOBER 08, 1973
VIRGINIA	49 0090009 H01 ALEXANDRIA	72	5,984	28	310	290	120

Table A-10. DATA FROM STATIONS MONITORING OZONE WITH CHEMILUMINESCENCE METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M. 1ST	2ND	99TH PERCENTILE VALUE UG/CU.M.
005 MOBILE-PENSACOLA-PANAMA CITY-S.MISS.(ALA-FLA-MISS)		** PRIORITY 1 *				AS OF OCTOBER 08, 1973
ALABAMA 01 2400019 F01 MOBILE COUNTY	72	1,847	7	200	200	130
036 METROPOLITAN DENVER (COLO)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
COLORADO 06 0580002 A10 DENVER	72	2,776	62	650	650	290
043 NEW JERSEY-NEW YORK-CONNECTICUT		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
NEW YORK 33 2900005 F01 HEMPSTEAD (T)	72	5,865	5	210	200	90
NEW YORK 33 4100001 F01 MAMARONECK	72	5,014	6	270	240	70
NEW YORK 33 4680050 F01 NEW YORK CITY	72	5,838	159	410	390	240
047 NATIONAL CAPITAL (D.C.-MD-VA)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
DIST COLUMBIA 09 0020003 A10 WASHINGTON	72	2,363	8	240	240	100
049 JACKSONVILLE-BRUNSWICK (FLA-GA)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
FLORIDA 10 1960032 H01 JACKSONVILLE	72	1,802		90	60	40
FLORIDA 10 1960035 H01 JACKSONVILLE	72	4,007		130	130	90
060 HAWAII		** PRIORITY 3 **				AS OF OCTOBER 08, 1973
HAWAII 12 0120001 F01 HONOLULU	72	7,890	1	650	120	40
078 LOUISVILLE (IND-KY)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
KENTUCKY 19 2380010 G01 LOUISVILLE	72	5,250	58	1,960	980	170
KENTUCKY 18 2380011 G01 LOUISVILLE	72	2,648		150	140	70
079 METROPOLITAN CINCINNATI (IND-KY-OHIO)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
OHIO 36 1220003 A10 CINCINNATI	72	2,403	3	220	220	100
080 METROPOLITAN INDIANAPOLIS (IND)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
INDIANA 15 2040021 F01 INDIANAPOLIS	72	4,319		160	160	120
085 METROPOLITAN OMAHA-COUNCIL BLUFFS (IOWA-NEB)		** PRIORITY 3 **				AS OF OCTOBER 08, 1973
NEBRASKA 29 1880026 G01 OMAHA	72	3,403	13	200	200	140
106 SOUTHERN LOUISIANA-SOUTHEAST TEXAS (LOUISIANA-TEXA		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
LOUISIANA 19 0280002 F01 BATON ROUGE	72	3,670	11	230	230	130
LOUISIANA 19 2020082 A05 NEW ORLEANS, LA	72	4,181	15	250	230	140
158 CENTRAL NEW YORK		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
NEW YORK 33 6620005 F01 SYRACUSE	72	6,225	3	180	160	100
160 GENESEE-FINGER LAKES (N.Y.)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
NEW YORK 33 5760004 F01 ROCHESTER (C)	72	5,776		150	120	80

Table A-10 (continued). DATA FROM STATIONS MONITORING OZONE WITH CHEMILUMINESCENCE METHOD

AIR QUALITY CONTROL REGION	YEAR 19--	NO. OF VALID VALUES	NO. OF VALUES EXCEEDING 1-HR STD	HIGHEST 1-HR VALUES UG/CU.M. 1ST	HIGHEST 1-HR VALUES UG/CU.M. 2ND	99TH PERCENTILE VALUE UG/CU.M.
161 HUDSON VALLEY (N.Y.)		** PRIORITY 3 **				AS OF OCTOBER 08, 1973
NEW YORK 33 3500002 F01 KINGSTON	72	5,542	2	160	160	60
162 NIAGARA FRONTIER (N.Y.)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
NEW YORK 33 0660005 F01 BUFFALO	72	5,140	80	270	260	170
184 CENTRAL OKLAHOMA		** PRIORITY 1 **				AS OF OCTOBER 03, 1973
OKLAHOMA 37 2200023 F01 OKLAHOMA CITY	72	6,218	50	360	360	160
186 NORTHEASTERN OKLAHOMA		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
OKLAHOMA 37 3000127 F01 TULSA	72	4,821	1	220	150	100
208 MIDDLE TENNESSEE		** PRIORITY 1 **				AS OF OCTOBER 03, 1973
TENNESSEE 44 2540011 G01 NASHVILLE	72	5,596		130	130	100
223 HAMPTON ROADS (VA)		** PRIORITY 1 **				AS OF OCTOBER 08, 1973
VIRGINIA 48 2140013 F01 NORFOLK	72	2,023		60	50	40
225 STATE CAPITAL (VA)		** PRIORITY 1 **				AS OF OCTOBER 09, 1973
VIRGINIA 48 1500010 F01 HENRICO COUNTY	72	3,643	24	270	270	140